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ANNUAL HOLLYHOCK • Indian Spring
Pkt. 20c; 3 pkts. 50c; 1/4oz. \$1.00

Platt's Seeds
1940

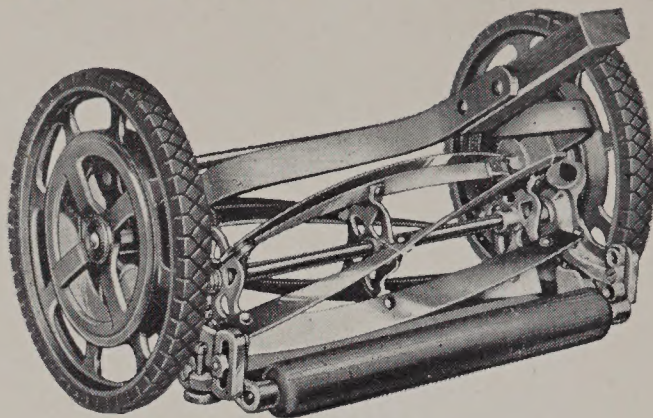
The FRANK S. PLATT CO. *Seedsman* • NEW HAVEN • CONNECTICUT

BLAIR LAWN MOWERS

A New England Quality Product

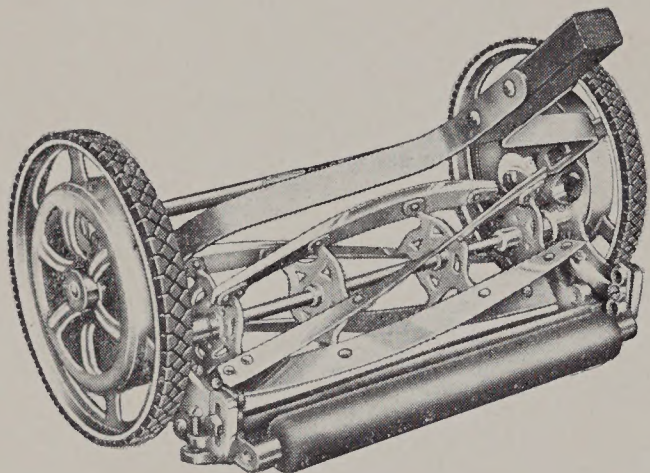
At Prices that are Real Values

THE experienced buyer will recognize fine workmanship and material specifications in Blair mowers, which assure a long and useful life of satisfaction. The exclusive drawcut feature on all these mowers insure clean shearing, self-sharpening and light running.



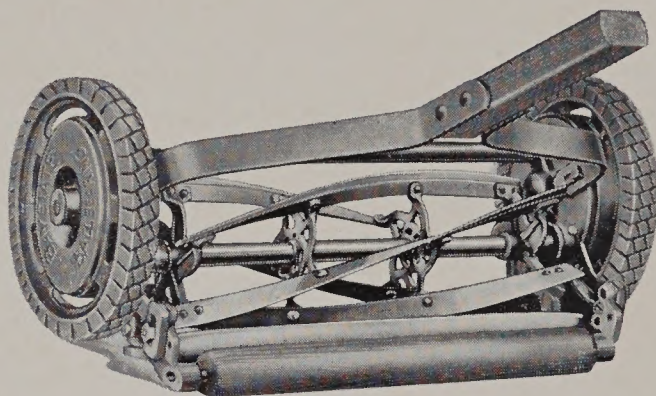
BLAIR SPECIAL

Blair Special. Ten-inch wheels. Rubber Tires. Five Drawcut Blades. The solid rubber tires are fitted into grooves cast in the wheel. A simple, well designed, strong frame with sturdy knife bar. Ball bearings are automatically adjusted. Dust proof oil cups, easily accessible, insure thorough lubrication. Price, 16-inch cut, \$6.50.



Automatic Jr. A modern Lawn Mower. Ten-inch wheels with permanently fitted rubber tires. A sturdy reel with five drawcut blades, double riveted end spiders and mounted on automatically adjusted Fafnir ball bearings. The baked enamel finish provide extreme durability. A remarkable value. Price, 16-inch, \$8.25; 18-inch, \$8.75.

Bay State. The Bay State has a strong, rigid reel which is mounted on a large steel shaft and is braced by double riveted end spiders and two center spiders. Non-Skid Rubber Tires. Ten-inch wheels, automatic self-adjusting ball bearings, dust proof oil cups and five drawcut blades. Price, 18-inch, \$8.75.



BAY STATE

SEE OUR OTHER MOWERS SHOWN ON PAGE 73

PILGRIM	18-inch, \$11.50; 20-inch, \$12.00
HERCULES	18-inch, 14.00; 20-inch, 15.00
DRAWCUT LEADER,	14-inch, 4.50
UNIVERSAL TRIMMER	5.25

Moto-Mower

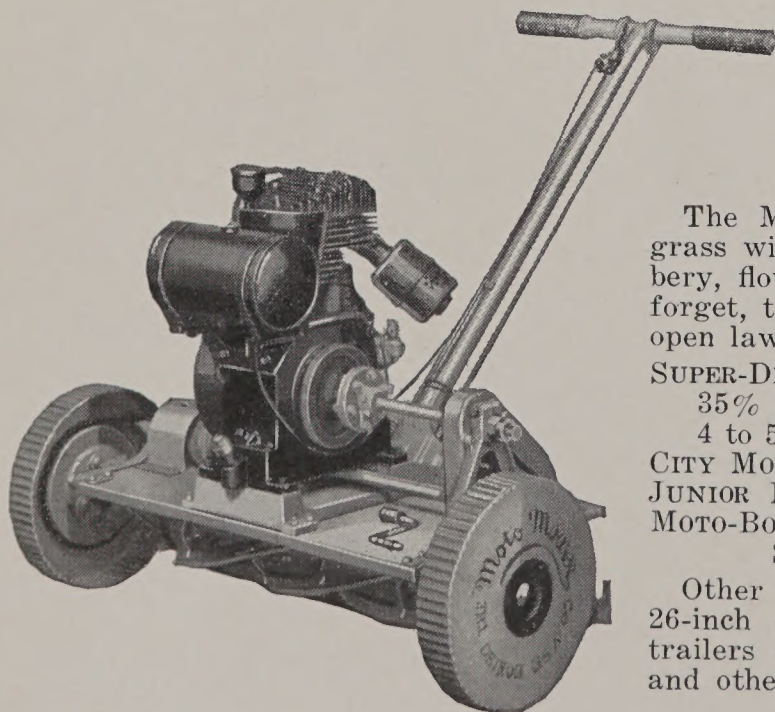
A Real Grass Cutter

The MOTO-MOWER has overcome the problem of cutting grass with a power mower on hills, terraces, around shrubbery, flower beds and in the nooks and corners. And don't forget, the MOTO-MOWER will do a big day's cutting on the open lawn. Send for catalogue of full information.

SUPER-DETROIT MODEL—Cuts 30 inches wide, climbs 35% grade. Two horsepower. Cutting capacity, 4 to 5 acres. Motor, 4-cycle	Price: \$333.00
CITY MODEL—One horsepower, 22-inch cut	Price: 189.25
JUNIOR MODEL—20-inch cut	Price: 123.75
MOTO-BOY—18-inch cut	Price: 92.50

Slip-on rubber tires included at these prices.

Other models for special purposes: 24-inch STANDARD, 26-inch and 30-inch ROLLER, and 75-inch FLEETWAY with trailers or riding sulky. For prices with pneumatic tires and other models, ask for booklet.



Lawn ROLLERS. See page 80

The Frank S. Platt Co.

Seedsman

1877



1940

Gardening with Pleasure and Profit

THE dividends are large; they come to you in the form of healthful, pleasant exercise and the satisfaction of producing, through cooperation with Nature, results that are new wonders of beauty and usefulness. Many of Nature's secrets are yet unsolved: a challenge to all. Since the rediscovery of Mendel's laws of heredity in 1900, vast improvement in plant breeding has brought results that are of great importance to the entire world. The production of hybrid corn will serve to illustrate. Already hybrid varieties constitute more than fifty per cent of all corn grown in the United States. Hybrid corn yields from fifteen to forty per cent more grain per acre, is more resistant to storm, drought, insects and disease.

Seeds are unlike other forms of merchandise. They are raw materials of variable and limitless qualities, out of which, under proper conditions, come food and beauty for human needs.

Hidden Assets in Seeds

SEEDS are bought for what they will produce. Yet there is no way of judging from appearance whether a certain lot of seeds will produce a good crop or a poor one. Seeds may be tested for germination in a few days. It is comparatively simple to make such a test and no seedsman should think of selling seeds without a germination test. But the only way of knowing in advance what seeds are likely to *produce* is to know the characteristics of their parents. Good seed stocks must come from outstanding plants possessing, to the greatest possible extent, the desired qualities of productiveness, uniformity, season, flavor, color, disease-resistance, or any other good feature. Such stocks are the result of integrity and skill in selection and plant breeding.

FOR SIXTY-THREE YEARS, through times of depression and prosperity, the confidence of our customers has enabled us to maintain the standards whereby PLATT'S SEEDS have stood The Test of Time.

We Make a Specialty of Grass Seed

for Lawns and Athletic Fields, and invite
your inquiries concerning formulas to meet special needs

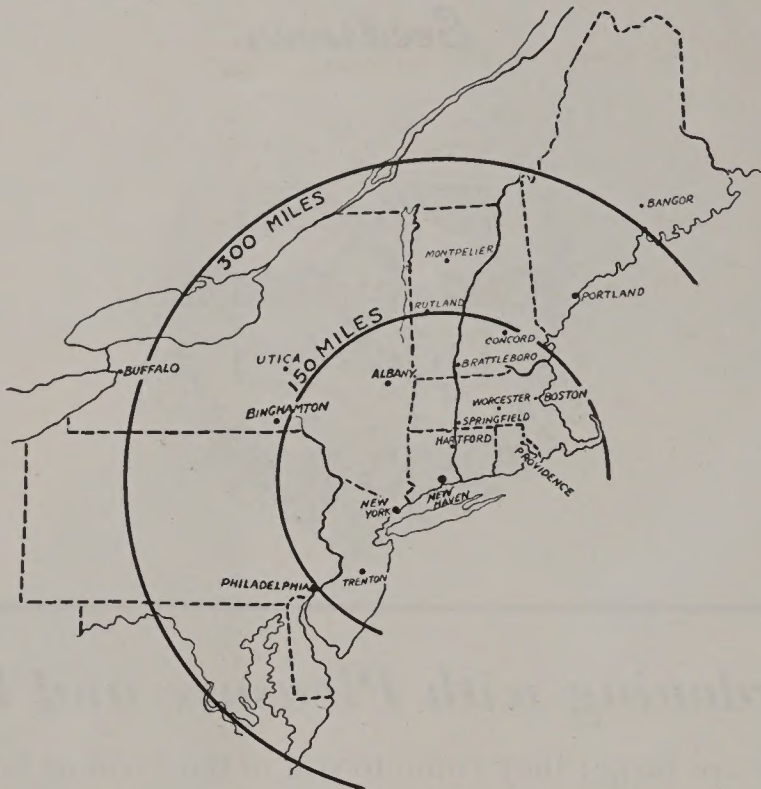
Special Notice to Market Gardeners

We sell to Market Gardeners buying in large quantities, and solicit their inquiries for close prices on round lots.

PARCEL POST RATES

within zones 1 or 2 (150 miles)
zone 3 (150-300 miles)

Lbs.	Zones 1 or 2	Zone 3
1	8	9
2	10	11
3	11	13
4	12	15
5	13	17
6	14	19
7	15	21
8	16	23
9	17	25
10	18	27
11	19	29
12	21	31
13	22	33
14	23	35
15	24	37
16	25	39
17	26	41
18	27	43
19	28	45
20	29	47
21	30	49
22	32	51
23	33	53
24	34	55
25	35	57



Zone 1 or 2, up to 150 miles, First lb.,	8c.,	ea. add. lb.	11/10c.
" 3, 150-300	" " "	9c.,	" " " 2c.
" 4, 300-600	" " "	10c.,	" " " 3 1/2c.
" 5, 600-1000	" " "	11c.,	" " " 5c.
" 6, 1000-1400	" " "	12c.,	" " " 7c.
" 7, 1400-1800	" " "	14c.,	" " " 9c.
" 8, over 1800	" " "	15c.,	" " " 11c.

SEEDS, ETC., BY PARCEL POST

The prices in this catalogue do not include postage, except on vegetable and flower seeds by the packet, ounce or quarter-pound and single pound. Larger amounts according to zone rates (see table below). When allowing for postage make allowance for packing, as one pound packed ready to mail weighs more than one pound and counts as two pounds according to postal rules, which state "a fraction of a pound being computed as a full pound." Poisons cannot be sent by mail without special packing.

EXPRESS SHIPMENTS

There is a special express rate on seeds of 25 per cent less than the regular rates. Express is

more desirable in most cases for packages weighing 20 pounds or more, according to local conditions. Liquids and poisons should be ordered sent by express or freight, as poisons are not mailable without special packing.

FREIGHT SHIPMENTS

Should be used when possible on heavy goods. The saving will be considerable. Order early and allow ample time.

TERMS CASH WITH ORDER

Accounts cannot be opened for small amounts. Persons wishing to open accounts must furnish satisfactory references, and allow time for investigation before shipment can be made.

BAGS

As a rule seeds are best shipped in strong cotton sacks holding up to two and one-half bushels each, and must be charged for at market price; present charge, 30 cents each. Burlap bags, 10c. each, are unsuitable for grass and other fine seeds.

WRITE ADDRESS PLAINLY

Write your Name, Post-Office and State plainly and in full on every letter. When Express or Freight Office is different from Post-Office, advise us of the same.

SEEDS, ETC., BY WEIGHT OR MEASURE

Quarter-pound and one-quarter bushel will be charged at slight advance above pound and bushel rates—5 pounds at the 10-pound rate; 25 pounds at the 100-pound rate. Prices subject to market and changes without notice.

ABOUT WARRANTING SEEDS

We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.

The Frank S. Platt Company

SEEDSMEN

448-452 STATE STREET

NEW HAVEN, CONNECTICUT

PLATT'S FLOWER SEED

Novelties and Specialties

for 1940

ALL AMERICA SELECTIONS

Each year growers from all over the World enter their choicest new creations in competition for the awards. Only a few each year receive the higher awards of Gold, Silver or Bronze Medals. In turn we endeavor to offer only such as we believe adapted to our trade. These will be found throughout the catalog. On this page there is room for only a few of the more recent introductions.

1940—All America Introductions

Ageratum, Midget Blue. Silver Medal A. A. Selection. Truest and most compact dwarf Ageratum so far seen. Plants only 4 inches tall, covered with small true azure blue flowers. A result of many years' selection. Pkts., 25c.; 1/16 oz., \$1.00.

Petunia, Glow. Silver Medal A. A. Selection. A dwarf compact variety with medium sized flowers, bright red-rose with lighter throat. Extremely bright and free flowering all season. Pkts., 25c. each.

Petunia, Cream Star. Silver Medal A. A. Selection. Like Glow in plant type and extremely free blooming habit, but distinctly a new color in Petunias. Its creamy-white, bluntly star shaped flowers with deeper cream in the throat, come into bloom in about 20 weeks from seed. Pkts., 25c. each.

1939—All America Introductions

Aster, Early Giants Light Blue. Earlier flowering, wilt-resistant strain of Improved Giants of California type. Huge, lacy, double flowers in abundance on long, strong stems. A fine cut flower. Pkt., 15c.; 1/4-oz., \$1.25. **Early Giant, Peach Blossom.** Pkt., 15c.; 1/4-oz., \$1.25; and **Rose Marie** (bright rose). Pkt., 25c.; 1/8-oz., \$1.00.

Celosia, Royal Velvet. A cristata variety for cutting; numerous 18-inch erect shoots of richest crimson combs. Pkt., 25c.

Cynoglossum, Firmament. Improved type, uniform plants, 18 inches, bush, typical forget-me-not flowers, rich blue. Pkt., 20c.; 1/4-oz., \$1.00.

Hollyhock, Annual Indian Spring. Flowers in five months or less from seed. Central stem six feet and produces freely a display of semi-double bright rose and rosy camine flowers, similar to the perennial. Secondary shoots prolong the season of this attractive and useful annual. Pkts., 20c.; 3 pkts., 50c.; 1/4-oz., \$1.00.

Marigold, Early Sunrise. Early flowered Dixie Sunshine type, lemon yellow, 25 inches tall. Pkt., 15c.; 1/4-oz., 75c.

Morning Glory, Scarlet O'Hara. Entirely distinct cornelian-red, 3 1/2-inch flowers. Growth starts slowly and is without tendrils, so turning tips around object to climb is advisable. Pkts., 25c. (25 seeds).

Petunia, Hollywood Star. The sharp, five-pointed, star-shaped flowers are medium sized, attractive, rose-pink with amber throat. Very free blooming. A distinct novelty. Pkt., 20c.; 1/8-oz., \$1.00.

Petunia, Velvet Ball. Large wavy flowers, deep ox-blood red on dwarf compact plants. The best in this color. Pkts., 25c.; 1/32-oz., \$1.85.

Phlox, Giganthea Salmon Glory. Enormous, rich, salmon-pink flowers with creamy white eye on large umbels. Bushy plants, 10 inches high. Pkt., 20c.; 1/8-oz., 85c.

Scabiosa, Blue Moon. A greatly improved giant flowered Scabiosa. Deep lavender blue flowers, mostly full to the top, on strong erect stems. A grand cut flower. Start early. Pkts., 20c.; 1/8-oz., 60c.

Verbena, Blue Sentinel. New upright, compact type, 10 inches high, valuable for either bedding or cut flower. Rich violet blue. Pkt., 20c.; 1/8-oz., 60c. **Carmine Bouquet.** Pkt., 20c.; 1/8-oz., 75c. **Royal Bouquet.** Pkt., 15c.; 1/8-oz., 60c.



Delphinium, Pacific Giants

Other New Introductions of Special Merit

Acroclinium, Sensation Giants. A new much larger flowered strain, early and free flowering, useful both for fresh cut and as an everlasting; cut in bud stage. Lovely shades of pink and rose. Height, 20 inches. Pkt., 10c.; 1/8-oz., 65c.

Aster, Lilliput. A distinct "Lilliput"; plants 12 to 14 inches tall, with an abundance of small, full double flowers. A delightful novelty. Pkt., 10c.; 1/8-oz., 60c.

Delphinium, Pacific Giants All Shades. The newest contender for supremacy in Delphinium. Huge spikes on strong, hard, graceful stems. Considered the finest strain in existence. It is also partially resistant to mildew. Pkt., 50c.; 1/8-oz., \$2.50.

Marigold, Harmony Spotlight. A new, much brighter Harmony; same early flowering habit, but with larger and brighter lively yellow crested center of dainty tubular petals, a shade which contrasts beautifully with the rich mahogany guard petals. Pkt., 20c.; 1/16-oz., 65c.

Petunia, Snowstorm. The most beautiful, large, wavy flowered white Petunia in existence. Plants compact and free blooming. Pkt., 25c.; 1/32-oz., \$5.00.



Sweet Corn -- Golden Cross Bantam

Hybrids and Top Cross Varieties of Sweet Corn

Recent breeding methods have developed some remarkable improvements in Sweet Corn. These hybrids produce outstanding uniformity, vigor and productiveness as compared with standard stocks. Disease resistance is also an important factor. The four following are especially valuable and we highly recommend them as exceptional developments in Sweet Corn.

Market Hybrid

(74 days)

One of the best of the extra early, yellow hybrids, not quite equal to Marcross in size, but 3 or 4 days earlier, and that sometimes makes quite a difference in the profit. Price per pkt., 15c.; per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Marcross

(77 days)

Gardeners have been looking for an earlier, good-sized hybrid ear. Marcross fills the need better than any other for its season. An attractive ear 7 inches long, 12-16 rowed; fine table quality, and a week earlier than Whipple's Top Cross. This, together with its hybrid vigor and productiveness, makes it a valuable and profitable addition to the list of better varieties. Price per pkt., 15c.; per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Top Cross Whipple's Yellow

(84 days)

A top cross is more uniform and more productive than the variety itself and therefore more profitable to grow. The extra cost of this type of seed is very small as compared to the difference in marketable ears per acre. The ears of Top Cross Whipple's Yellow are 7½ inches long, 12-14 rowed, and are ready for market in 84 days. Market growers have found it the most profitable variety to immediately precede Golden Cross Bantam. Price per pkt., 15c.; per pt., 35c.; per qt., 60c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

Golden Cross Bantam

(88 days)

Originated by Glenn M. Smith of the United States Department of Agriculture and the Indiana Experiment Station. Golden Cross Bantam sets a standard for quality, productiveness and resistance to bacterial wilt. It is already extensively used and should be grown in every home garden. In 1935 and 1936, Market Gardeners were surprised at the tremendous yield of marketable ears per acre (15,000—practically double other good stocks). The ears are 10-14 rowed, 7½ to 8 inches long, and ready for market in 88 days as compared with 80 days for the small original Bantam. Price per pkt., 15c.; per pt., 35c.; per qt., 60c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

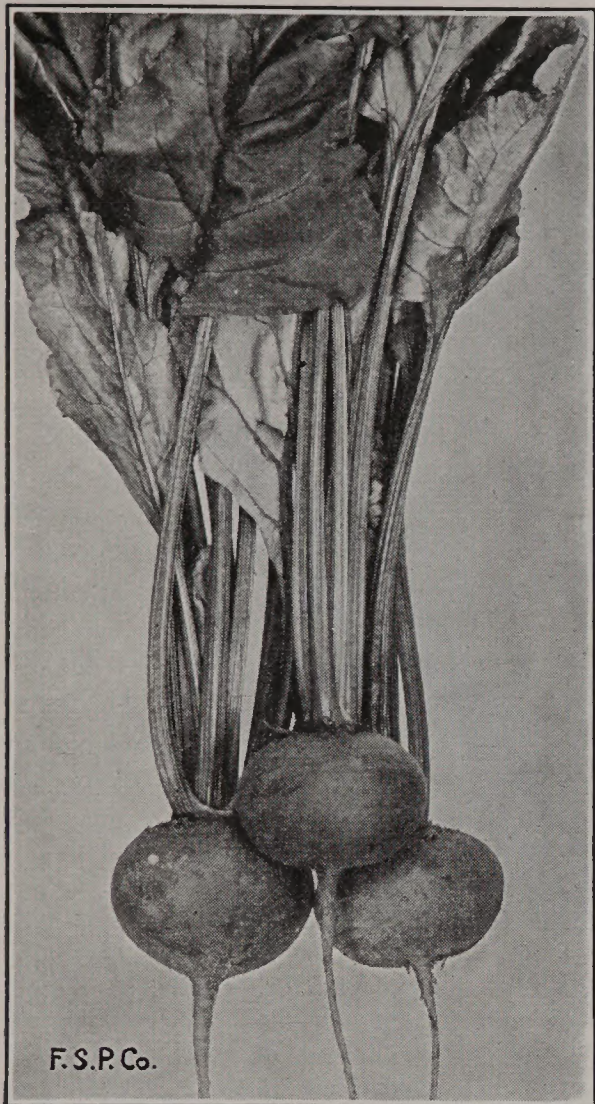
Cabbage, Savoy-Chieftain

Award of Merit 1938 All America Selections

Medium large firm heads, very uniform, crisp, well savoyed, dark olive green. Quality excellent, both texture and flavor. Sure heading, about one week earlier than Drum-head Savoy. Pkt., 10c.; oz., 35c.; ¼-lb., \$1.00; lb., \$3.50.

Early Wonder Beet

The most popular early bunching beet. To satisfy critical growers, who demand an ideal in shape, color and season, is quite a difficult matter. Ideals vary considerably, but we have pleased a very critical trade with our stock of Early Wonder Beet. The shape is a flattened globe; flesh tender, sweet, and attractive, deep red with very indistinct zones—particularly the light zones so undesirable in many stocks; tops are small and slender. In season it is about 55 days from seeding to market stage. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.



F.S.P.Co.

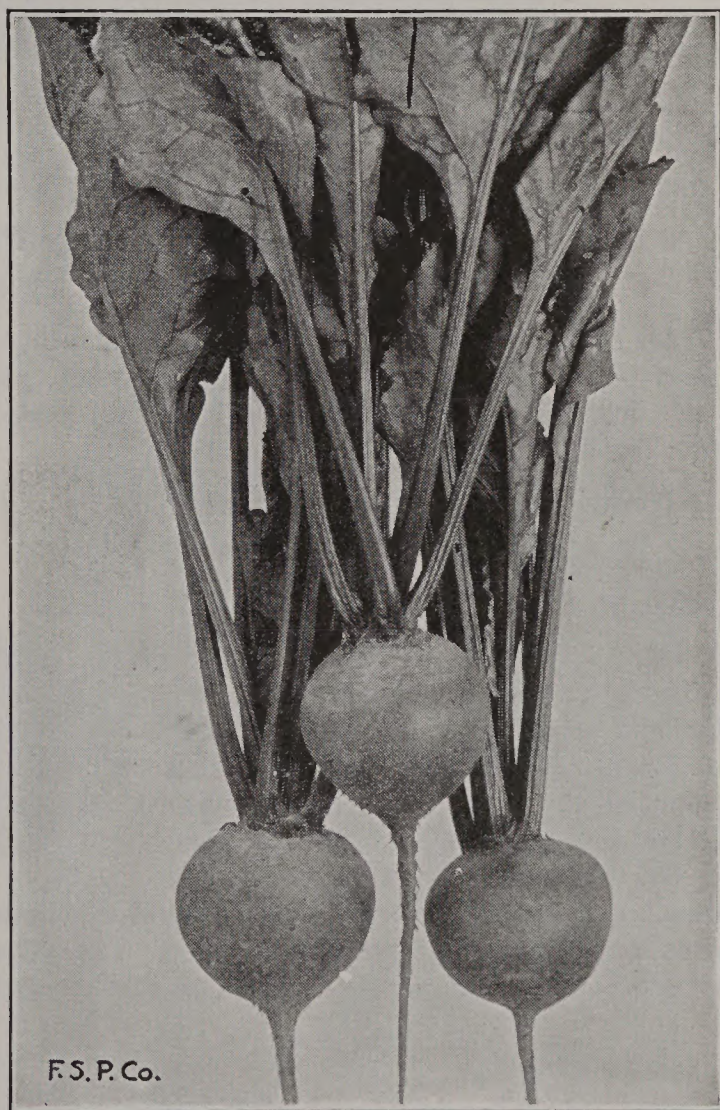
Early Wonder Beet***Detroit Dark Red Beet***

A distinctly superior stock of this extensively used variety. The color is dark blood-red, somewhat brighter than our former stock. This color is without trace of purple or brown and without the common fault of large light zones. It also maintains its attractive color after being cooked or canned. "Detroit" has long been recognized as a beet of very high table quality. Tops are uniform, slender, erect; roots globe or turnip-shaped, with small tap root. About 65 days from seeding to market stage. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.

Carrot, Supreme Half-Long

Special Mention 1937 All America Selections

Slender, refined Danvers type with short tops. Roots usually 6-7 inches long, stump rooted, smooth. Color is outstanding, the small core being nearly same fine dark red as the flesh. Pkt., 10c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.



F.S.P.Co.

Detroit Dark Red Beet***Cucumber, A & C***

This cucumber is remarkable for its attractive dark green color, and the way it keeps its fine appearance after picking, it is more highly perfected than any other for our New England and New York market. An ideal size, 8 to 10 inches long, and excellent table quality. Cucumbers picked in early September were still on display in our store in December, after having been handled by hundreds of admirers. Pkt., 10c.; oz., 15c.; ¼-lb., 45c.; lb., \$1.50.



Early Prolific Straightneck Squash

Squash, Early Prolific Straightneck

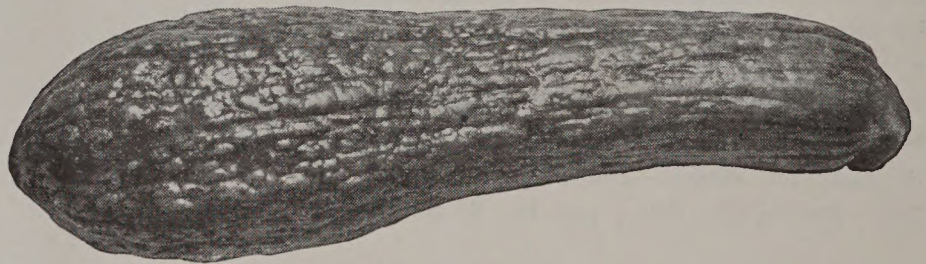
Award of Merit 1938 All America Selections

An earlier, smaller and very prolific strain of Straightneck. Fruits are considered of market size when 4-6 inches long by $1\frac{3}{4}$ inches diameter, pale yellow and quite smooth. At maturity fruits are 9-12 inches long. Plant is about half the spread of Giant Straightneck. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.60.

Giant Straightneck Squash

(Special Strain)

There has been a greatly increased demand recently for a better strain of Giant Straightneck; a selection from the Crookneck Squash, but with a straight, thick, meaty neck instead of the crooked one. Our stock has



been improved in uniformity. It is decidedly better for shipping as well as in the kitchen. Fruits 15 to 18 inches; quick growing and tender. The attractive light butter color, without trace of green, has been favorably commented on by our market garden trade. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Carrot, New Bunching

A new type developed to fill the demand for a longer, bright-colored bunching carrot. The tops are somewhat shorter than Chantenay but plenty large and sufficient for bunching. At full maturity, the roots are almost cylindrical, with rounded shoulders and well stumped; $1\frac{1}{4}$ to $1\frac{1}{2}$ inches by 8 inches long. The color is a fine deep red, both exterior and interior; cores are small and indistinct; roots free from hair roots and wrinkles. As compared with Danvers or Chantenay, New Bunching is richer in color, longer, more slender, and carries the width more toward the tip. The roots are a little slower in reaching full maturity, but it remains in condition for use a long time. Price per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 40c.; per lb., \$1.25.

General List of Platt's

Select Vegetable Seeds

Artichoke

Artichoke—Carciofo—Alcachofa

Tuberous Rooted Artichoke. Jerusalem Artichoke. This is quite distinct from the Globe Artichoke, being grown exclusively for its tubers. The flowers and foliage resemble a small-flowered sunflower. Perfectly hardy. Per lb., 20c.; 10 lbs., \$1.75.

Large French Globe (Perennial). The flower heads are the edible portions, and are cooked like asparagus. Sow during February and March and transplant after danger from frost in rows three feet apart, and two feet between the plants. It requires a deep, rich loam, and slight winter protection. Plants not usually productive after third year. Pkt., 10c.; oz., 50c.



Globe Artichoke

Asparagus

Sow early, in drills about one inch deep, and rows about a foot apart. In the fall or succeeding spring the plants may be set out in beds about two feet apart each way, leaving the crown of the root about four inches below the surface. Before winter, cover the bed with a dressing of manure.

Purchasing roots instead of seeds will save a year in time.

Mary Washington. The newest and finest variety in cultivation. The greatest improvement ever made in asparagus, combines rust-resistance, great size and table qualities, heretofore never approached. Dr. Norton of the United States Department of Agriculture developed the rust-resistant Martha Washington and later Mary Washington, which is so much better than any other it remains only to become more generally known, when it will supersede all others. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

Giant Argenteuil. French origin; very early; purple. Blanches readily. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

Palmetto. Very early, large and pale green. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

Asparagus Roots

Strong one-year-old roots are recommended.

Inasmuch as large, well-known, one-year-old roots are better than two or three-year-old roots, and that genuine, true Mary Washington is unquestionably the best sort in existence, there is no good reason for offering any other. Roots grown from ordinary seed, sown thickly, can be sold at about half our prices, but it does not pay to use such roots. Mary Washington, large one-year-old roots: 100, \$1.75; per 1,000, \$12.00. Shipping weight 9 lbs. per 100.



Mary Washington Asparagus

Bush Beans

Bohnen—Frigole—Fagioli

DWARF OR SNAP

A succession of sowing can usually be made from the first week in May until August in Connecticut. Plant in drills $1\frac{1}{2}$ to 2 inches deep and from eighteen inches to $2\frac{1}{2}$ feet apart, according to the richness of the soil and method of cultivation. The plants should be about three inches apart. Use about one quart to each 250 feet of drill. The number of days after each variety are for comparative earliness, and indicate the number of days from sowing to table stage, under favorable conditions.

WAX PODDED VARIETIES

Crackerjack. (49 days) (Webber Wax). One of the earliest. Stringless wax, bright yellow, semi-round podded, 6 inches long, hardy, prolific and fine quality; seed yellow. Very popular with truckers about New Haven. Also one of the best for home gardens. Per pt., 30c.; qt., 50c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Sure Crop Wax. (53 days). Very desirable, high quality bean. A selection from and superior to Currie's Rust Proof; black-seeded, pods 6 to 7 inches long, flat, fleshy and stringless. Plant hardy, productive, a few days later than Currie's. Per pt., 30c.; qt., 50c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Pencil Pod Black Wax. (52 days). Pods 6 to 7 inches long, straight and very tender. In color a golden yellow; the best quality round-podded, black-seeded wax. Per pt., 30c.; qt., 50c.; 10 lbs., \$1.90; 100 lbs., \$16.00.



Sure Crop Wax



Tendergreen
A Second Early Green Pod
of Fine Quality

Round Pod Kidney Wax. (52 days). (Brittle Wax). Early, round podded, 5 to 6 inches long, stringless and of fine quality. Seed white with very little brownish black marking at the eye. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Rustless Golden Wax. (Keeney's). (52 days). Excellent for canning and home garden use. Pods thick, flat, $4\frac{1}{2}$ to $5\frac{3}{4}$ inches, golden yellow, fleshy, brittle, stringless and fine flavor. Per pt., 30c.; qt., 50c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Davis White Kidney Wax. (52 days). Handsome flat pods, 6 to 7 inches long, seed white, very productive; has considerable string and fibre; valued principally as a market gardener's sort, or excellent shell bean. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

GREEN PODDED VARIETIES

Stringless Black Valentine. (49 days). New. A bean of better quality, similar in type to Black Valentine; a long, sleek, oval pod, completely stringless and attractive. It makes a strong appeal to the taste through its delicate flavor. A splendid heavy cropping variety for Market Gardeners. Per pt., 30c.; qt., 50c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Bountiful. (49 days). Pods $6\frac{1}{2}$ to 7 inches long, slightly curved, stringless, excellent quality. Seeds bright yellow. Continues to bear over a longer period than most sorts; suitable for home or market. The best second early flat green pod. Pt., 30c.; qt., 50c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Plentiful. (53 days). A new bean similar to Bountiful, but superior. Pods longer, slightly thicker, darker green and more tender; in season 3 or 4 days later, and immensely productive. Pt., 35c.; qt., 60c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Tendergreen. (54 days). Round, fleshy pods, six inches long, absolutely stringless; similar but superior to Full Measure. We consider this the very finest quality, early, green pod bean in existence. Per pkt., 15c.; pt., 30c.; qt., 50c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

The Commodore. New bush Kentucky Wonder type, long pods of fine quality. Pkt., 15c.; pt., 35c.; qt., 65c.; 10 lbs., \$3.00.

Note—5 pounds beans sold at the 10-pound rate, or 25 pounds at the 100-pound rate. Postage extra on Beans, Sweet Corn and Peas, except in pkts. Beans and Peas weigh about 2 lbs. per qt.; Sweet Corn $1\frac{1}{2}$ lbs. Add for postage according to zone. (See page 2).

Beans—Continued

Pkts. any variety Beans, 15c. each

Stringless Green Pod. (52 days). Very early. The pods are round, five inches long and brittle. Fine quality. Pt., 30c.; qt., 50c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Low's Champion. (55 days). Flat pods, usually five inches long, entirely stringless and very tender. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Refugee Stringless Green Pod. (70 days). Late, heavy cropping, round pod, fine quality, absolutely stringless, dark seed. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Dwarf Horticultural. (54 days). Large round beans in fine mottled pods; used mostly as an early shell bean. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

French Horticultural. (65 days). An excellent shell bean. Pods 7 to 8 inches long; broad, marked with vivid carmine. Very attractive appearance but stringy and fibrous, thus not adapted as a snap bean. Per pt., 35c.; qt., 60c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Large White Kidney or Royal Dwarf. (100 days). One of the best shell beans, green or dried. Per pt., 30c.; qt., 50c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Red Kidney or Chilian. (95 days). Cultivated as a field bean and used dry; the flavor is distinctly fine quality. Pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

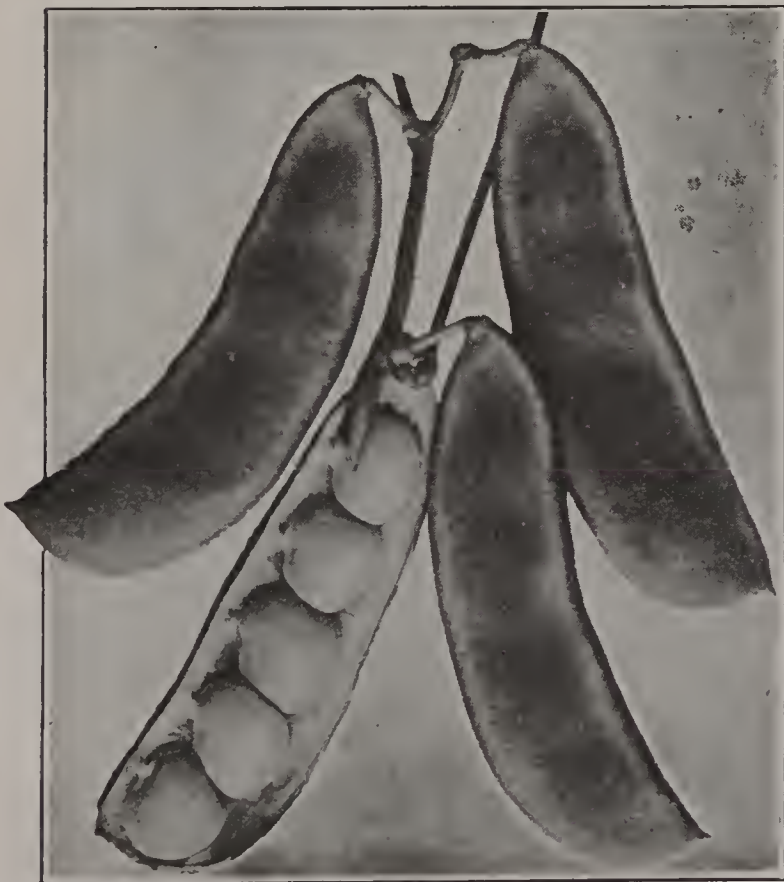
Yellow Eye. (90 days). Generally grown as a field variety; very productive and superior quality for boiling or baking. Per pt., 30c.; qt., 50c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

White Pea or Navy. (90 days). Boston baking bean. Per pt., 30c.; qt., 50c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

White Marrow. (100 days). Best adapted to field culture and sale in dry state. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

**ENGLISH OR BROAD BEAN**

Long Podded Exhibition. Considered the best variety of broad or fava bean for our climatic conditions; does better than the Windsor. These should be planted very early as they stand cold, wet ground. Per pkt., 15c.; pt., 30c.; qt., 50c.; 10 lbs., \$2.20.

**Fordhook Bush Lima****Dwarf or Bush Lima**

Burpee's Improved Bush Lima. (75 days). A true bush lima; when fully grown about 24 inches high; pods borne abundantly 5 to 6 inches long by 1¼ wide. Beans larger, much thicker than old type and will out-yield it by nearly a third; in season about one week earlier; quality finest. Per pt., 35c.; qt., 60c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Fordhook Bush. (75 days). The vigorous upright plants come into bearing early and produce an abundant continuous crop of pods borne in clusters well up from the ground. Pods are from 4 to 5 inches long; thick and heavy, as they are tightly filled with three to five seeds of excellent quality. Type preferred in the market, and Fordhooks are more extensively grown by market gardeners in the East than any other variety. Lima beans were one of our specialties before the first bush lima was introduced, and we take special pride in the quality of our stocks. Per pkt., 15c.; pt., 35c.; qt., 60c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Henderson's Bush Lima. (68 days). Small, flat-seeded. It is the earliest of the limas. Per pt., 30c.; qt., 50c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Beans—Continued

Pkts. any variety Pole Beans,
15c each

POLE OR RUNNING

They succeed best in sandy loam, which should be liberally enriched with thoroughly rotted manure in the hills, which are formed according to the variety, from three to four feet apart.

Platt's King of the Garden Lima. (88 days). Early and prolific; pods large, 8 to 9 inches long, bearing four to six, sometimes seven beans. Introduced by us in 1883. Now widely known, and continues to be the general favorite pole lima	Pt. 30c.	Qt. 55c.	10 lbs. \$2.20	100 lbs. \$19.00
Early Leviathan. (80 days). Earliest large pod, containing 5 to 6 white beans.	30c.	55c.	2.20	19.00
Carpinteria or Ideal. (88 days). Long pods containing 4 or 5 green-tinted seeds of finest flavor	30c.	55c.	2.20	19.00
Small Lima or Sieva. (78 days). A small-seeded early variety, immensely productive, excellent also for dried shell beans, called butter beans in the South	30c.	50c.	2.00	17.00
Scarlet Runner. (90 days). The beans are very dark; flowers bright scarlet; very ornamental; is also used as a snap of fine quality when young. Plants of strong, quick growth. (Bu., 50 lbs.)	30c.	55c.	2.20	19.00
King Horticultural (Worcester or Hampden Pole). (73 days). Pods stringless, striped with red, seeds and pods larger than regular horticultural; suitable for snap or shell	30c.	50c.	2.00	17.00
Kentucky Wonder or Old Homestead. (65 days). Immensely productive; large green pods, 8 to 9 inches long, round, fleshy; finest quality, stringless until nearly mature; one of the best green podded pole snaps; seeds light brown	30c.	50c.	2.00	17.00
Burger's Green Pod. (64 days). White-seeded Kentucky Wonder	30c.	50c.	2.00	17.00
Early Golden Cluster. (74 days). Pods from six to eight inches long; attractive, straight, fleshy, flat and stringless, golden yellow, seeds white	30c.	55c.	2.20	19.00
French Yard Long. Curious slender green pods, two to three feet long; requires long season. Per pkt., 15c.; pt., 50c.				



F.S.P.Co.

Early Wonder Beet

Beets

Pkts. any variety Beet
10c. each

Runkle Rube—Remolecha—Bietoli

The beet is used in all stages of its growth. All the varieties succeed best in a deep, rich sandy loam, and requires thinning when small and kept free from weeds. For early beets sow as soon as the ground will admit, in drills fourteen inches apart, and thin to four inches distant. For winter use sow in May or June.

Extra Early Flat Egyptian. The earliest beets in cultivation; for forcing or transplanting; flat, tender when young; very dark red; small tops; a market sort. Crosby's and Early Wonder are of better table quality. Per oz., 15c.; ¼-lb., 30c.; lb., \$1.00.

Crosby's Egyptian. An improved type of the Egyptian Beet. A flattened globe in shape, deep red; fine quality early sort, for home or market bunching. Per oz., 15c.; ¼-lb., 30c.; lb., \$1.00.

Early Wonder. A select strain of the Crosby type; only a week later than the Extra Early Egyptian. Our stock has been persistently selected for the qualities sought by market gardeners; a flattened globe in shape, dark red color, earliness and uniformity; tops small; an ideal bunching variety. Per oz., 15c.; ¼-lb., 30c.; lb., \$1.00.

Crimson Globe. The flesh is fine grained, dark crimson, with skin of lighter shade. Per oz., 15c.; ¼-lb., 30c.; lb., \$1.00.

Detroit Dark Red. Tops small; roots ovoid and smooth; color dark blood red; best for main crop, remaining tender longer than the early sorts. Per oz., 15c.; ¼-lb., 30c.; lb., \$1.00.

Edmand's Blood Turnip. Deep blood skin, and very dark flesh; excellent keeper. Per oz., 15c.; ¼-lb., 25c.; lb., 85c.

Early Blood Turnip. A variety for general use; turnip-shaped, smooth, dark red. Per oz., 15c.; ¼-lb., 25c.; lb., 85c.

Early Bassano. Flesh circled with bright red and white, flat, large tops, adapted for use as greens. Per oz., 15c.; ¼-lb., 25c.; lb., 85c.



**Swiss Chard Dark Green
White Ribbed**

Beets—Continued

Half Long Blood. Late variety and finest quality for winter use; smooth skin; flesh dark red, sweet and exceptionally tender. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Swiss Chard or Spinach Beet

Cultivated for its leaves. The mid-rib is boiled and served like asparagus, and the other portions of the leaves are used as spinach. When wanted, cut close down to the ground without injury to the crown, and new leaves will grow continuously from early summer until frost.

Dark Green Broad White Ribbed. The rib and stem are very wide, pearly white and tender. A great improvement over the old sort. Large dark green, moderately curled leaf. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Swiss Chard or Silver. This is the old standard, smooth-leaved variety. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Beets—Mangel Wurtzel

(For Feeding Stock)

Red Globe. A large, round, red-skinned variety. Per oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 50c.

Mammoth Long Red. Grows to an enormous size, producing 30 to 40 tons per acre of valuable food for stock; roots grow well above ground, therefore easy to harvest. Per oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 50c.; 10 lbs., \$4.50.

Giant Sludstrup. An orange yellow sort, ovoid in shape, not the largest in bulk yield, but excels in amount of dry matter per acre yield. Per oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 60c.

Golden Tankard. Half long nearly uniform diameter from top to bottom. Per oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 60c.

Sugar Beets

Lane's Imperial Sugar. (White French). A white-fleshed, very productive variety for stock feeding; skin below ground rose-colored, above ground gray. Per oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 60c.

Klein Wauzeleben Sugar. Extensively used for stock feeding because of its high food and sugar content. Roots long and tapered with a thick shoulder. Flesh, white, skin, gray-white. Per oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 50c.

Broccoli

Spargel Kohl—Brocoli—Broccoli

Broccoli White Cape is closely allied to cauliflower, requiring a long season, succeeding where climate permits the plants to stand out over winter and make heads in spring, which will be one year from sowing seed. Sow thinly in seed beds about the middle of spring, transplant and cultivate according to directions for winter cabbage.



Broccoli Calabrese

Early White Cape. The heads when full grown are large, white and compact, like cauliflower. Broccoli requires a long, cool season such as in our Northwest. Per pkt., 10c.; oz., 55c.; $\frac{1}{4}$ -lb., \$1.75.

Early Green Calabrese. Entirely distinct from the above sort. Cultivated for its green bud clusters and tender terminal leaves. The main stalk cluster when cut encourages many side sprouts with smaller clusters. Per pkt., 10c.; oz., 35c.; $\frac{1}{4}$ -lb., \$1.00; lb., \$3.50.



**Mammoth Long
Red Mangel**

Brussels Sprouts

Rosenkohl—Berza de Brussels—Brocoli di Cavolo

The plants grow two or three feet high and produce, from the sides of the stalk, numerous little sprouts one or two inches in diameter, resembling cabbages. The leaves look like the Savoy, and should be broken down in the fall, to give the little cabbages more room to grow.

Long Island Improved. Dwarf, compact, producing large sprouts. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

Cabbage *Kopfkohe—Berza de Repeollo—Cappucie*

The Cabbage requires a deep, rich soil and thorough working. For early use the plants should be started in a hotbed or cold frame; but seed for winter cabbage should be sown in a seed bed for Connecticut the last of May and transplanted when 4 to 6 inches high. Some of the large late varieties seem to do well if the seed is sown in the hills where they are to remain, and in that case sow two or three seeds where each plant is desired, and then pull up all but the strongest. Plant the large varieties three feet apart; the small, early sorts from a foot to eighteen inches. The Savoy cabbages have crumpled leaves, and are of fine flavor, especially after a little frost has touched them in the autumn.

Golden Acre Cabbage. The earliest round headed cabbage, similar in type, somewhat smaller, and ten days earlier than Copenhagen Market. Per pkt., 10c.; oz., 35c.; $\frac{1}{4}$ -lb., \$1.00; lb., \$3.50.

Copenhagen Market. Exceptionally hard and solid, round heads; average eight pounds each, of fine quality, few outer leaves, small core and nearly as early as Jersey Wakefield, with greater yield, also desirable for fall and early winter use. Our seed is grown for us in Denmark, where the finest stocks of Copenhagen Market Cabbage are produced. Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ -lb., 90c.; lb., \$3.00.

Early Jersey Wakefield. Heads very solid, pyramidal, blunted at the top. The best and most popular early pointed head. Our stock is especially bred for earliness and uniformity. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

Charleston or Large Wakefield. Similar to Early Jersey Wakefield, but larger and a little later. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

All Head Early. A large, flat, early summer variety of fine quality, good keeper if sown late. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

All Seasons. The heads of this cabbage are large and thick through, a desirable sort for kraut. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

**Copenhagen Market Cabbage**

Danish Ball Head. Short stem. (Fine Danish-grown seed). Late, round, hard-headed; the longest keeper and finest quality. Seed should be sown two weeks earlier than for Flat Dutch or most other late. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

Penn State Ball Head. A large, heavy-yielding strain developed by the Pennsylvania State College of Agriculture. A fine quality, very uniform variety for winter storage. Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ -lb., 95c.; lb., \$3.25.

Premium Late Flat Dutch. Heads large, solid. A standard variety. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

SAVOY, OR CURLING VARIETIES

Chieftain Savoy. New. See page 5. Per pkt., 10c.; oz., 35c.; $\frac{1}{4}$ -lb., \$1.00; lb., \$3.50.

Perfection Drumhead Savoy. Reliable, large, round, late heading, densely crumpled. The Savoy Cabbage is of richer quality and should be more extensively grown. Takes about the same time to make crop as the Danish Ball Head. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

RED VARIETIES

Mammoth Rock Red. Heads large, round and thick, very dark from surface to center. Sow seed same time as for Ball Head. Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ -lb., 90c.; lb., \$3.00.

CHINESE CABBAGE

Improved Peking or Chihili. Long slender variety. Sometimes called Chinese celery cabbage, though resembling more nearly the Cos Lettuce; used as a salad or cooked as cabbage. Sow seed about July 1 in this latitude, as if sown early it runs to seed. Transplant to 12 inches apart in the row. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 55c.; lb., \$1.75.

**Danish Ball Head Cabbage**

Glory of Enkhuizen. An excellent, second early, two weeks later than Copenhagen Market. The large round, solid, very uniform head, with short stem and few outer leaves, allows close planting. It is a good cropper and adapted not only as a second early but for fall and early winter use. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

Succession. A large, second early drumhead, sure heading sort for summer and fall use. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.



Supreme Half-Long Carrot

Carrots

Mochre—Zanahoria—Carote

The carrot, like other root crops, delights in a sandy loam, deeply tilled. For early crops sow in the spring, as soon as the ground is in good working order; for late crops they may be sown any time until the middle of June. Sow in rows about fifteen inches apart.

French Forcing. The earliest, small, almost round, two inches long, fine flavor and color. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Early Scarlet Horn. An early summer variety; color deep orange; roots grow about three inches long. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Nantes. Stump rooted, early, almost cylindrical, about six inches long by $1\frac{1}{2}$ inches diameter. Flesh is deep orange, very tender and sweet, of finest quality. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Guerande or Oxheart. Very large at the top, three to five inches long and terminating abruptly. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Chantenay or Model. An excellent and popular, quick-growing carrot of fine table quality. The roots average $2\frac{1}{2}$ inches diameter by 6 inches long; have a slight shoulder; taper gently to near the tip, then terminate abruptly into a fine small root. The flesh is deep orange, crisp and tender. Roots are suitable for use almost as early as the very small sorts. Chantenay is most extensively used for bunching, but if allowed to develop fully yields a heavy crop. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Chantenay Red Cored. A stock which has been selected for its deep orange color throughout, the core is therefore quite indistinct. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

New Bunching. See page 6 for more detailed description and illustration. A longer, more slender carrot than Chantenay and about one week later. At full maturity, roots are almost cylindrical, with rounded shoulders and well

stumped; $1\frac{1}{4}$ to $1\frac{1}{2}$ inches by 8 inches long; fine deep orange color and excellent quality. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Supreme Half-Long. See page 5. A slender refined Danvers type for those who wish a carrot longer than Chantenay and somewhat heavier than New Bunching. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Danvers Half-Long. The best known second early or main crop variety, popular with our trade, both private and market. Roots are bright orange scarlet, seven to eight inches long, tapering gently, stump or semi-pointed. A heavy yielder and good keeper, of fine quality for winter use. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Hutchinson. A very large, nearly cylindrical, stump-rooted carrot, 10-12 inches in length; good color and immensely productive. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Long Orange Improved. Large size, tapering to a point of deep orange color, and adapted to garden or field culture. A valuable food for stock. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

White Giant, Green Top. Used for feeding stock; one of the best because of its enormous productivity. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

Cardoon

Kardon—Cardo—Cardone

Cardoon is grown for the midrib of the leaf, and requires blanching in the same manner as celery. Sow early in the spring, where the plants are to remain, in drills about three feet apart, an inch and a half deep, and thin out the young plants to a foot apart in drills.

Large Spanish. Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ -lb., 90c.; lb., \$3.00.

Carrots are an All Season vegetable. It is carrot planting time from March until July. The young carrot is now a regular member of the menu all over the country, an all season vegetable, and it is never so good, so tender, so well-flavored, as when freshly pulled. Baby carrots take up little space and plantings at intervals will keep a supply all season.



Snowball Cauliflower

Cauliflower

Blumen Kohl—Coliflor—Cavolfiore

Should be sown according to instructions for cabbage. It will thrive best in cool, moist situations.

Early Snowball. The finest early variety and more generally grown than any other. Handsome, almost snow-white. Heads of medium size, firm and well formed. Plant is compact, short-stemmed, with few short upright leaves. Keen competition among growers has produced several excellent strains, some of which are offered on the market under various names. However, careful comparisons on Long Island, in Connecticut and New York State show our strain to be a stock of superior quality and well suited to this territory. Per pkt., 25c.; oz., \$1.75; ¼-lb., \$5.50; lb., \$20.00.

Super Snowball. This new Snowball is a real marvel in earliness and simultaneousness in heading. In trials the past two seasons it has headed from two to three weeks sooner than the earliest stocks with which we are acquainted and so simultaneously throughout the field that nothing like it has ever been seen before. Moreover, the heads are large, deep and solid and the foliage is strong and vigorous, forming a good protection. Per pkt., 25c.; oz., \$2.35; ¼-lb., \$7.75; lb., \$28.00.

Early Dwarf Erfurt. An excellent stock of the Snowball type, though not so early. Per pkt., 20c.; oz., \$1.50; ¼-lb., \$5.00; lb., \$18.00.

Danish Giant. (Dry Weather). It is well known that a constant moisture supply in the soil is necessary to a successful Cauliflower crop. It has been found, however, that Danish Giant will stand more unfavorable conditions in this respect than either Snowball or Erfurt. It is about two weeks later and fully twenty per cent larger heading, produced on a much larger plant. The head is pure white and of fine quality. Per pkt., 25c.; oz., \$1.75; ¼-lb., \$5.50; lb., \$20.00.

Celeriac or Turnip-Rooted Celery

A variety of celery, having turnip-shaped roots which may be cooked, or sliced and used with vinegar, making a most excellent salad. It is more hardy, and may be treated in the same manner as celery.

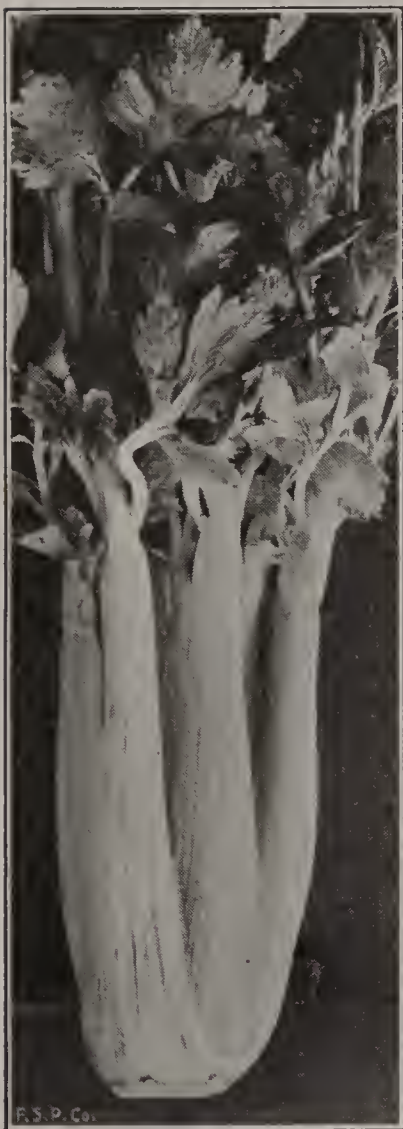
Turnip-Rooted. (Large Prague). Turnip-shaped, large and smooth, delicious flavor. Per pkt., 10c.; oz., 25c.; lb., \$2.50.

Celery

Seleri—Apios—Sedano Acci

Sow seeds in hotbed or very early in open ground (it is slow to germinate, and should be kept moist). Sow in straight rows for convenience in weeding when plants are small. When five or six inches high thin out or transplant to five inches apart. Celery requires very rich soil and plenty of water.

Plants may be set from May to the middle of August. Large growers set the crop level with the surface, having previously plowed in all the manure possible, and setting in rows three to four feet apart and five or six inches in the row.



Golden Plume

Golden Plume. Many pronounce this the best golden self-blanching celery in existence; the present stock is a result of more than twenty years' extreme care and selection. Golden Plume has taken first prize at several National Vegetable Growers' Conventions. Our stock is an improved strain of "Golden Plume," also called "Wonderful" developed from original stock. Grown from best and earliest plants; selected for their medium height; stocky, full-hearted and compact, with thick, solid stalks which blanch easily. Per pkt., 10c.; oz., 55c.; ¼-lb., \$1.80; lb., \$6.00.

Florida Golden. Florida Golden is the same in season as Golden Plume, which it resembles. The great difference is that the edible portion of the stem is longer and the plant remains in condition longer than Golden Plume. Florida Golden is just a little taller than Golden Plume. The plants are full-hearted, blanch to a rich cream color of exceptionally fine quality and excellent flavor. The stems are crisp and free from strings. Per pkt., 10c.; oz., 55c.; ¼-lb., \$1.80; lb., \$6.00.

Golden Self-Blanching. Dwarf strain. One of the leading varieties of early golden yellow celery. Compact habit, numerous stalks, large solid heart blanching easily. Per pkt., 10c.; oz., 55c.; ¼-lb., \$1.80; lb., \$6.00.

Easy Blanching. A valuable early green celery. The plants are from 20 to 24 inches tall, uniform in size, full-hearted, crisp, rich in flavor, maturing early, blanching in ten days to two weeks; a light golden yellow, free from pithy stalks and keeping well until after the holidays. The seed offered is a select strain. Per pkt., 10c.; oz., 35c.; ¼-lb., \$1.00; lb., \$3.50.

White Plume. Very early; blanching easily, the leaves to an attractive greenish white, the stalks nearly white; quality fair. Per pkt., 10c.; oz., 55c.; ¼-lb., \$1.00; lb., \$3.50.

Emperor. A late, excellent keeping variety of outstanding merit. Plants stocky, 15 to 18 inches tall, and therefore easily handled. Foliage dark green, stalks white, thick and crisp, without strings. Flavor is unsurpassed. Per pkt., 10c.; oz., 35c.; ¼-lb., \$1.00; lb., \$3.50.

Utah or Golden Crisp. A green celery of very fine quality, blanching easily. Per pkt., 10c.; oz., 35c.; ¼-lb., \$1.00; lb., \$3.50.

Giant Pascal. Stocky, vigorous plants, dark green foliage; stalks solid and after blanching a rich golden yellow; crisp and tender. A standard of fine quality and flavor for late winter use. Per pkt., 10c.; oz., 35c.; ¼-lb., \$1.00; lb., \$3.50.

Winter Queen. Medium height, thick, light green, solid stalks, with a large heart, crisp, blanches well. Per pkt., 10c.; oz., 35c.; ¼-lb., \$1.00; lb., \$3.50.

Celery Seed. For flavoring. Old Seed. Per oz., 10c.; lb., 75c.

Chervil

Gartenkerbel—Perifollo—Cerfoglio

Cultivated and used like parsley. The young leaves are used for flavoring. For summer use sow in March, and in July for winter.

Curled. Per pkt., 10c.; oz., 15c.; lb., \$1.25.

Chives

Schnettlauch—Cibollino

Chives are perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used whenever the flavor of onion is required. Planted in small clumps in any common garden soil, they will grow rapidly, and in time increase so as to render a division necessary. The tops appear very early in spring, and can be cut through the season.

Roots only, per bunch, 15c. Postage extra, ½-lb. each.

Chicory

Cichorten—Cicoria

The roots of this vegetable are much used as a substitute for coffee. The young leaves are also used for salad.

Large Rooted or Coffee. Per pkt., 10c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.

Catalogna. (Asparagus). Per pkt., 10c.; oz., 35c.; ¼-lb., \$1.00; lb., \$3.50.

Chufas or Earth Almonds

Resemble a cocoanut in sweetness and flavor. Very prolific, a single one yielding from one to two hundred. Plant 1 ft. to 18 in. apart.

Chufas. Per oz., 10c.; lb., 50c.

Collards or Coleworts

Jungle-Kohl—Cabu—Cavolo

A variety of cabbage greens, used extensively in the south.

True Creole or Southern. Per pkt., 5c.; oz., 10c.; lb., 75c.

Sweet Corn

Pkts. any variety Sweet Corn, 10c each
except where noted.

Zucker Mais—Mais Granone volce



Whipple's Yellow

**Golden
Bantam**

It is generally conceded that Connecticut-grown seed sweet corn is of superior quality. Seed is produced here in large quantities for shipment to the most critical trade.

Note: Varieties are listed in approximate order of earliness.

EARLY VARIETIES

Early Surprise. (72 days). A valuable extra early white corn. Early Surprise, according to trial ground tests, is even earlier than the Early Mayflower. Seed planted May 22nd was ready in 69 days. A large, attractive, strictly white ear with 12 rows. Per pt., 25c.; qt., 45c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Spanish Gold. (72 days). An extra early, developed by Connecticut Agricultural Experiment Station. Ears 6 to 7 inches, mostly 10-rowed; in season 3 or 4 days earlier than Golden Sunshine. Per pt., 25c.; qt., 45c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Golden Surprise. A selection from Golden Market, both larger and earlier by 2 or 3 days. Supply limited. Per pkt., 15c.; pt., 30c.; qt., 50c.; 10 lbs., \$2.30.

Golden Market. (75 days). One to three days earlier than Golden Sunshine which it resembles, except slightly larger ear. A valuable early corn for the market. Per pt., 25c.; qt., 45c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Golden Sunshine. (76 days). Four to five days earlier than Golden Bantam; much larger; ears 6½ to 7 in., with quite uniformly twelve rows instead of eight and possessing that superb quality of the original not found in other yellow sorts. Although a slightly smaller ear (less cob diameter) and 1 or 2 days later than Golden Market, it is finer in quality and less susceptible to wilt. Per pt., 25c.; qt., 45c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Golden Bantam. (80 days). Original type. Medium size, 8-rowed, ears of finest quality, which has never been improved on in that respect. Many prefer it to the larger sorts and make successive plantings every two weeks up to July 15 for this vicinity. Per pt., 25c.; qt., 45c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Whipple's Yellow. (84 days). A decided improvement in yellow sweet corn; ready about same time as Golden Bantam, but nearly twice the size, ears 7 to 8 inches long, 12 to 16-rowed. The quality is excellent. Per pt., 25c.; qt., 45c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

INTERMEDIATE VARIETIES

Howling Mob. (Improved). (85 days). One of the large-eared, second early, 12 to 16-rowed class of much merit for the trucker. Per pt., 25c.; per qt., 45c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Whipple's White. (87 days). Ears rather blocky, 8 inches long, with 16 to 18 rows, well filled to the tip with deep grains of excellent quality. Per pt., 25c.; qt., 45c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Mexican Sugar. Black. (88 days). Medium early and very sweet; 8-rowed; when young the color is very slight. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Bantam Evergreen. (89 days). A cross between Golden Bantam and Stowell's Evergreen, giving us a corn of fine quality and large size, ears 7 to 8 in. long. Ready about the same time as Howling Mob. Per pt., 25c.; qt., 45c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Note: Not less than 5 pounds Corn sold at the 10-pound rate or less than 25 pounds at the 100-pound rate. Postage extra on Sweet Corn, Beans and Peas, except in pkts. Beans and Peas weigh about 2 lbs. per qt.; Sweet Corn 1½ lbs. Add for postage according to zone (see page 2).

Sweet Corn—Continued

LATE VARIETIES

Stowell's Evergreen. (95 days). A large 16 to 20-rowed variety, 8 to 9 inches long; the standard late for family or market use; of high quality. Per pt., 25c.; qt., 45c.; 10 lbs., \$1.90; 100 lbs., \$16.00.

Country Gentleman (Shoe Peg). (93 days). Medium late; good size ears, 7 to 7½ inches long, irregularly crowded full of slender, deep grains, deliciously sweet and finest flavored. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Golden Colonel. (92 days). This is the finest and most successful cross of Golden Bantam and Country Gentleman we have ever seen; the result of ten years breeding. It has the size and type of Country Gentleman with the color and quality of Golden Bantam. Golden Colonel received the All America Award of Merit for 1936. Per pkt., 10c.; pt., 30c.; qt., 50c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Long Island Beauty. (100 days). A very late corn with immense ears, often 12 inches long, 16 or 18 rows of pearly white grain, tender and delicious, in an attractive dark green husk. A most excellent sort for home canning. Per pt., 25c.; qt., 45c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Sweet Corn for Fodder. The sweet corn fodder is decidedly preferred by stock to the field varieties. Per 10 lbs., \$1.10; 100 lbs., \$8.00.



Eureka Ensilage Corn
(Man in photo is 6 ft. 3 in. tall)

HYBRID AND TOP CROSS VARIETIES

The following are highly resistant to Stewart's Disease and outstanding for productiveness.

See page 4 for further description

Market Hybrid. (74 days). One of the best of the extra early hybrids. Not quite equal to Marcross in size, but 2 to 4 days earlier. Per pkt., 15c.; pt., 35c.; qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Marcross. (77 days). A valuable corn of good size and quality, ready for market a week earlier than Top Cross Whipple's Yellow. Ears 7 inches long, 12- to 16-rowed. Per pkt., 15c.; pt., 35c.; qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Top Cross Whipple's Yellow. (84 days). Ears 7½ inches long, 12- to 14-rowed, large, handsome, very uniform and well filled. Per pkt., 15c.; pt., 30c.; qt., 55c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

Golden Cross Bantam. (88 days). Undoubtedly the most outstanding development in sweet corn in many years. Ears 7½ to 8 inches long, 10- to 14-rowed; excellent quality and extremely productive. This should be in every home garden. Per pkt., 15c.; pt., 30c.; qt., 55c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

Pop Corn Selected for Seed

Granone per Scoppio

Golden Giant. Also called Dynamite. A new, fine quality pop corn. Pops extremely large, and although introduced recently, has become almost the universal favorite. Per lb., 25c.

White Rice. Sharp-pointed kernels, 12- to 16-rowed, more generally grown than any other. Per lb., shelled, 25c.

Corn—Varieties for Field Culture

Granone e Grano—Turco

FLINT VARIETIES—Prices subject to change

Early 8-Rowed Yellow Canada. The Flints will always be favorites for certain uses and conditions—earliness and ability to yield well on light ground, and qualities that make the finest grade of meal (Indian meal). Flint corn will produce a profitable crop where the later and heavier sorts would be a failure. Early Canada is the earliest of these

Longfellow. The ears are larger and longer than Early Canada, cob small, kernels large; 8-rowed yellow flint

Improved Sanford. Large white ears, 12 to 15 inches long, very productive and producing also a good leafy growth

Quart Bushel
(56 lbs.)

20c. \$3.00

20c. \$2.90

20c. \$2.90

DENT VARIETIES—Prices subject to change

Queen of the Prairie, or Pride of the North. This is an early Yellow Dent, medium size, uniform ears, cob small; a winner in many shelling contests

20c. \$2.40

Improved Leaming. Select stock. The ears are large, with deep dented grain, 12 to 16-rowed. Extensively grown for both grain and silo. Matures in 100 to 110 days

20c. \$2.05

Corn—Varieties for Field Culture—Continued

Prices subject to change

Yellow Sweepstakes. 115 days to make ensilage. Also known as Kato or Golden Beauty. Ten days earlier than Eureka Ensilage Corn. At Connecticut Experiment Station it yielded 69 bushels per acre, considerably more than others, and made 15 tons ensilage of high feeding value. This is a favorite with many who have made careful trials for actual food value rather than green weight per acre	Quart (56 lbs.)	Bushel
	20c.	\$2.35
Lancaster Sure Crop. A comparatively early, heavy-yielding corn suitable for either grain or silage in Northern Connecticut and Massachusetts. Similar to but larger than Westbranch Sweepstakes	20c.	\$2.35
Eureka Ensilage. One of our specialties, an extra large southern corn grown and selected with great care to keep the true vigorous stock. White seed, luxuriant and heavy in stalk and foliage. Will ordinarily produce more tons of ensilage than any other. We have had stalks 17 feet, 10 inches tall	20c.	\$2.35
Southern Hybrid. This has given many fine records for high yield of ensilage and grain, and promises to be the best ensilage variety for Connecticut. In Connecticut, 1932, it yielded 81½ bushels of grain per acre; in Rhode Island, 21 tons ensilage per acre, which is much higher than Eureka. In the West Virginia and Pennsylvania 1934 experimental trials, it yielded 17½ tons per acre—the highest yield of any ensilage corn. The leaves and stalks stay green long after the ears are mature	30c.	\$4.70

Corn Salad or Fetticus

Ackersalat—Macha o Valerianilla
—Valerianello o Insalata

It is sown on the first opening of spring in rows one foot apart, and is fit for use in six weeks from the time of sowing. If wanted for very early spring, it may be sown in September and covered as soon as cold weather sets in, and is wintered over the same as spinach.

Large Leaved. Per pkt., 10c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.

Cress or Pepper Grass

Kresse—Berro o Mastourso—Crescione

Extensively used as a small salad. Sow early in the spring, very thickly in shallow drills. The sowing should be repeated at intervals, as it soon

runs to seed. One ounce of seed will sow a bed of sixteen square feet.

Extra Curled. Fine curly-leaved. Per pkt., 10c.; oz., 15c.; lb., 75c.

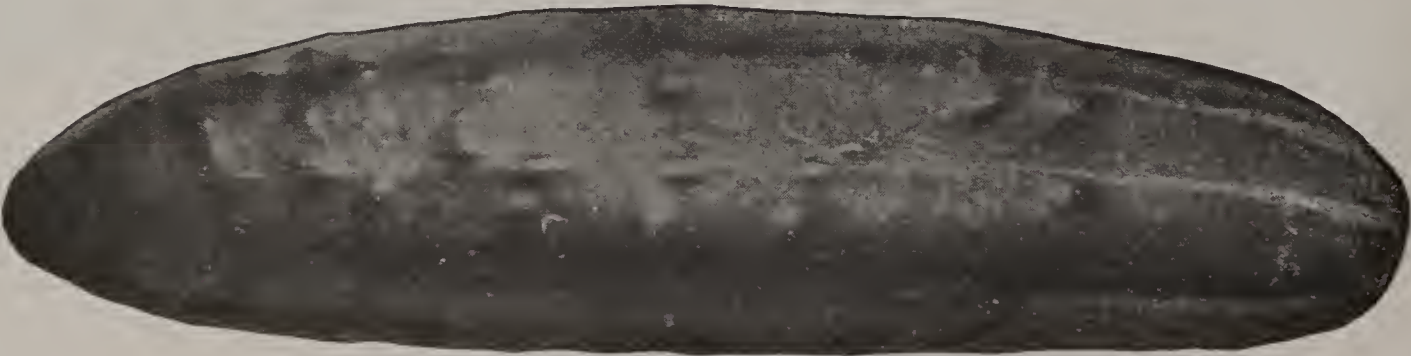
Upland. Resembles the water cress in flavor; same culture as spinach; a perennial plant. Per pkt., 10c.; oz., 15c.; lb., \$1.50.

Cress—Water

Wasser Kresse—Crescione Acquatico

This is a well-known hardy, perennial aquatic plant, growing abundantly along the margins of running streams, ditches and ponds. Where it does not grow naturally it is easily introduced by planting, and it increases, both by spreading of the roots, and by seeding.

True Water Cress. Per pkt., 10c.; oz., 35c.; lb., \$3.75.



Improved Early Fortune Cucumber

Cucumbers

Gurken—Pepino—Cetriolo

Make rich hills of well-rotted manure, two feet in diameter, and plant a dozen or more seeds, covering half an inch deep. When all danger from insects is over, pull all but three or four of the strongest plants. The middle of June is early enough to plant for pickling. Make the hills about six feet apart. For early cucumbers the hot-bed is necessary.

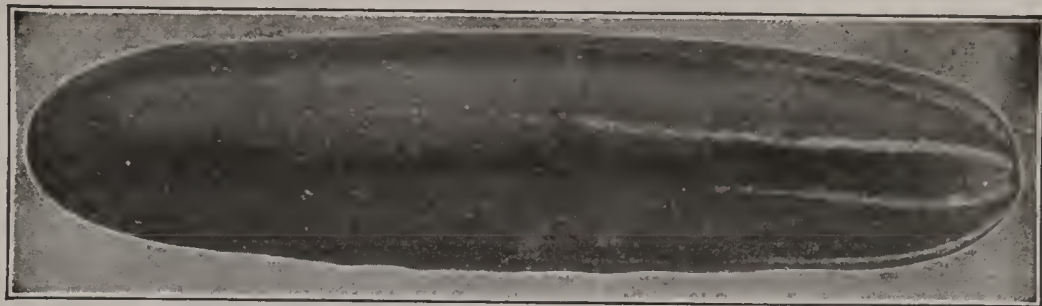
PICKLING VARIETIES

Early Cluster. Very early; short and sets closely. Per pkt., 10c.; oz., 15c.; ¼-lb., 30c.; lb., \$1.00.

National Pickling. The most desirable pickling variety, medium size, dark green, productive. Per pkt., 10c.; oz., 15c.; ¼-lb., 30c.; lb., \$1.00.

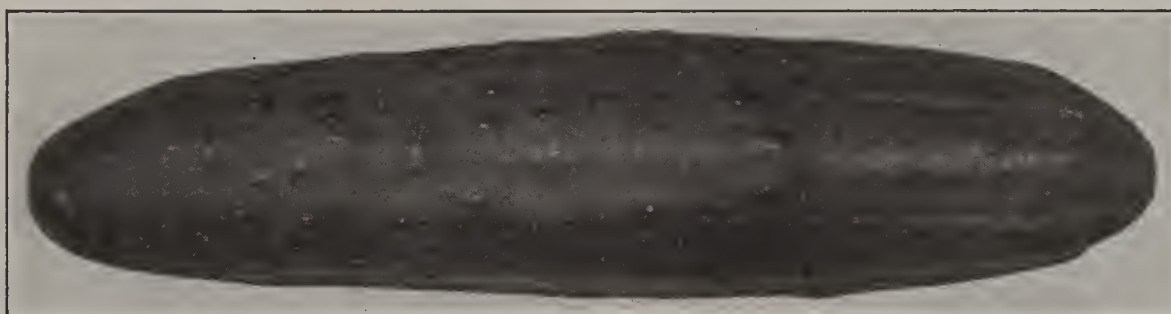
Cucumber—Continued

Gherkins or West India. Very small, fruit covered with spines, and used only for 1½ to 2 inch pickles; extremely prolific. The vine resembles the watermelon and may be run over an arbor or trellis. Per pkt., 10c.; oz., 15c.; ¼-lb., 45c.; lb., \$1.50.

**Longfellow Cucumber****FOR SLICING AND LARGE PICKLES**

Early White Spine. Large, bright green, smooth and prolific. Per pkt., 10c.; oz., 15c.; ¼-lb., 30c.; lb., \$1.00.

Japanese Climbing. Distinct climbing sort. The vines are vigorous and throw out strong, grasping tendrils. Fruits 8 inches long, even and crisp. Per pkt., 10c.; oz., 15c.; ¼-lb., 45c.; lb., \$1.50.

**A. & C. Cucumber**

A. & C. A new, attractive cucumber of excellent quality and ideal size (8 to 10 inches), most remarkable for holding its fine dark green color. Per pkt., 10c.; oz., 15c.; ¼-lb., 45c.; lb., \$1.50.

Early Fortune. This belongs to the white spine type, and is one of the finest for general use. It is early, productive and blight-resisting; remarkably uniform fruits about 9 inches long by 2½ inches in diameter, holding their fine dark green color long after picking; flesh firm, crisp, and few seeds. We believe the high percentage of perfect fruits is due to the vigor and blight-resisting qualities of this strain. Our market gardeners shipping to New York and Brooklyn markets have found it to be a profitable sort. Per pkt., 10c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.

Davis Perfect. A fine, extra long, solid, smooth and slender dark green type of White Spine, equally good for field or forcing culture. The fault with the original strain, which was inclined to be necky, has been entirely overcome by several years' selection. Per pkt., 10c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.

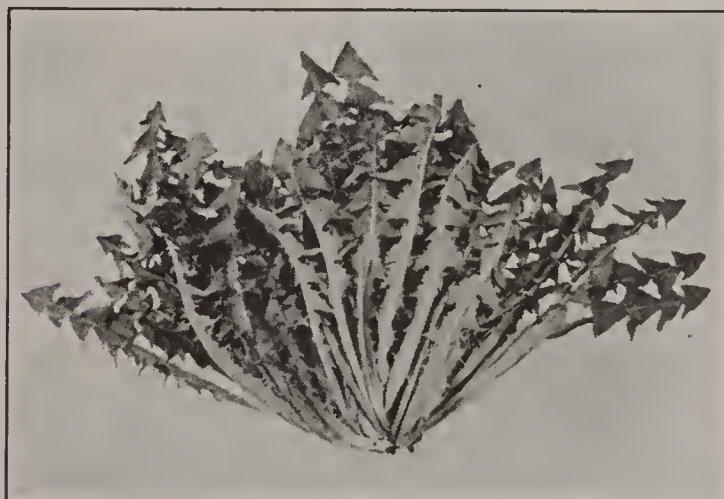
Longfellow Cucumber. An excellent, long, slender, dark green variety of the White Spine type, suitable for either greenhouse or outdoor culture. An ideal variety for the private garden or as a "straight pack" for shipment to high-grade markets. Cucumbers 12 to 14 inches long by 2½ inches in diameter. Per pkt., 10c.; oz., 20c.; ¼-lb., 55c.; lb., \$1.75.

Improved Long Green. A dark green, productive late table sort, 12 to 15 inches long, more or less warted; flesh white and firm; used extensively for large pickles. Per pkt., 10c.; oz., 15c.; ¼-lb., 45c.; lb., \$1.50.

Dandelion

Lowenzahn—Amaigon—Cicorea

The Dandelion affords one of the earliest as well as one of the best and most healthful spring greens. It is also sometimes blanched and used as a salad. The seeds may be sown from May to August, in drills ten inches apart; thin out the young plants to about three inches apart; cultivate during the season, and the following spring the plants will be fit for the table.

**Improved Thick-Leaved Dandelion**

Improved Thick-Leaved, or Cabbaging. Distinct variety forming a regular upright tuft at the center; blanches easily. Superior to the common. Per pkt., 10c.; oz., 55c.; ¼-lb., \$1.75; lb., \$5.75.

French Common. Very early, vigorous growth. Per pkt., 10c.; oz., 20c.; ¼-lb., 60c.; lb., \$2.00.

Egg Plant

Eierpflanze—Berengena—Melanzana

Sow in a hot-bed in February and March; when the plants are one or two inches high, transplant



Black Beauty

or thin out to two or three inches apart. When the weather is warm and settled, they may be planted out in a warm situation, two feet apart each way.

Improved New York Spineless. Fruit large size, oval and dark purple. Per pkt., 10c.; oz., 45c.; ¼-lb., \$1.35; lb., \$4.50.

Black Beauty. Fruit about five days earlier than New York, not quite as large, more nearly egg shaped, dark purple. Per pkt., 10c.; oz., 45c.; ¼-lb., \$1.35; lb., \$4.50.

Early Long Purple. Fruits average 6 to 8 inches long and 2½ inches in diameter, early and productive. Per pkt., 10c.; oz., 45c.; ¼-lb., \$1.35; lb., \$4.50.

Endive

Endivien—Endixia—Indivia o Escarola

Make the first sowing about the middle of May, on a bed of well-pulverized, rich soil, scattering the seed thinly, and covering it lightly. For the



**Broad Leaved Batavian Endive
Full Hearted**

main crop, sow in the middle of June and again about the middle of July; and for plants to stand the winter, sow early in August. When the plants are about two inches high, transplant into rich, well-prepared soil.

Green Curled. Leaves curly and finely fringed; the center blanches readily to a cream color. Very hardy and fine quality. Per pkt., 10c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.

Large Green Curled, Pink Ribbed. A large, vigorous sort. The mid-ribs of the outer leaves are tinged rose and the deeply cut leaves of the center blanch readily to a beautiful creamy white. Per pkt., 10c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.

Broad-Leaved Batavian Full-hearted (Escarole). A large fleshy-leaved sort, deep green, more or less twisted and folding, forming a crisp sort of head in the center, which blanches to a creamy white. A very desirable salad plant belonging to the chicory family. Per pkt., 10c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.

Deep Heart Fringed. An entirely new type developed from Full-Heart Batavian and Green Curled. Might be described as a fringed broad



Green Curled Endive

leaved but is more erect. The well-filled heart blanches to a creamy yellow. Per pkt., 10c.; oz., 20c.; ¼-lb., 60c.; lb., \$2.00.

French Endive (See Witloof)

Florence or Naples Fennel

Finnocchio di Napoli

Sow in early spring in rows fifteen to twenty inches apart, in rich, moist soil. Thin out or transplant to six or eight inches. It is usually boiled for the table. It somewhat resembles celery, possessing a sweet and agreeable smell and flavor. Eaten raw when young and tender. Per pkt., 10c.; oz., 20c.; ¼-lb., 55c.; lb., \$1.75.

Garlic

Aglio

Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring, in rows one foot apart and from one to five inches in the rows. The crop matures in August, when it is harvested like the onion.

Garlic Sets. Per lb., 30c.; postage extra.

Kale or Borecole

Blatter Kohl—Col—Cavalo Riccio

Sow in April, in drills 14 to 18 inches apart, covering the seeds thinly and evenly, and thin out when hoeing to from four to six inches apart. The varieties are extremely hardy, and are best when touched by frost. For winter and spring use, sow in August or September.

Extra Dwarf Curled Scotch. Spreading habit, hardy and improved by light frost. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

Bloomsdale Curled Scotch. An improved type of the Extra Dwarf Curled Scotch. The very curly dense foliage is a darker, more attractive color. It is also more hardy than the Dwarf Scotch. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Tall Curled Scotch. Similar to the Dwarf except that it grows two to three feet high. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Improved Siberian. German Greens or Sprouts. Dwarf, curly, dark green leaves, very hardy and an immense cropper. Undoubtedly the most hardy and more extensively grown than any other variety; in fall seeding to winter over and cutting for spring greens. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.



Extra Dwarf Curled Scotch

Kohl-Rabi or Turnip Cabbage *Kohlrabi—Colinabo—Rapa*

Half-way between a turnip and a cabbage, partaking of the nature and flavor of both. The bulbs, formed above ground, are cooked like turnips. Sow from April to July; plant and cultivate the same as cabbage. As they are difficult to transplant, they are usually sown where they are to stand, and afterwards thinned out.

Early White Vienna. Grows to a fair size, skin light green; flesh white; short stumps and tops. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 55c.; lb., \$1.75.

Early Purple. Differs from the above in color only. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.



American Flag Leek

Leek

Lauch—Porro—Cipollette

Sow as early in the spring as season permits, either in seed beds or places where they are intended to grow. When four inches in height thin to three inches; when from six to eight, transplant to ten inches apart, leaving those in drills about six inches apart. Set as deep as possible without covering the small center leaves.

American Flag. A favorite variety, long, large stalk, broad-leaved, white and sweet when properly blanched. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

Giant Carentan. Largest and most hardy, semi-bulbous, mild. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.



Kohl-Rabi or Turnip Cabbage

Lettuce

Kopfsalat—Lechuga—Lattuga

Culture. Sow early in spring in a hot-bed; transplant in April for summer use. Again, sow from April at intervals in the open ground, and for winter and spring use, in August and September. Protect by means of cold frame during the winter.

CURLED OR LOOSE-LEAVED VARIETIES

Grand Rapids. The plant is distinct, of upright growth; leaves light green, much fringed and crumpled, forming a loose cluster. Very extensively grown under glass. The seed will not grow if sown more than one-eighth inch deep. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Prize Head Early. Of non-heading habit, large bronzed leaves, crisp and tender. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Simpson Black-Seeded. Rapid growing; stands the summer heat well, and attains a large size; quality excellent. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.



Unrivalled, Green Leaved Big Boston Lettuce

HEADING OR CABBAGE VARIETIES

Big Boston. Medium large cabbage butter-head type, finely shaped globular, medium light green smooth leaves, with a slight tinge of brown or margins on the outer leaves. Interior of the head is brittle, buttery and golden yellow. It is early, hardy and stands shipping well. Big Boston is recommended for spring and autumn and for cold frame forcing, but not during the hot weather. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

California Cream Butter or Royal Cabbage. Large-leaved, light green, buttery. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.50.

Crisp-as-Ice. (Hartford Bronze). A bronze head variety of finest quality and appearance, the crumpled shiny bronze leaves enclose a firm, crisp head of medium size. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

Hanson. Heads very large and solid; one of the most desirable crisp head variety for late home use. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

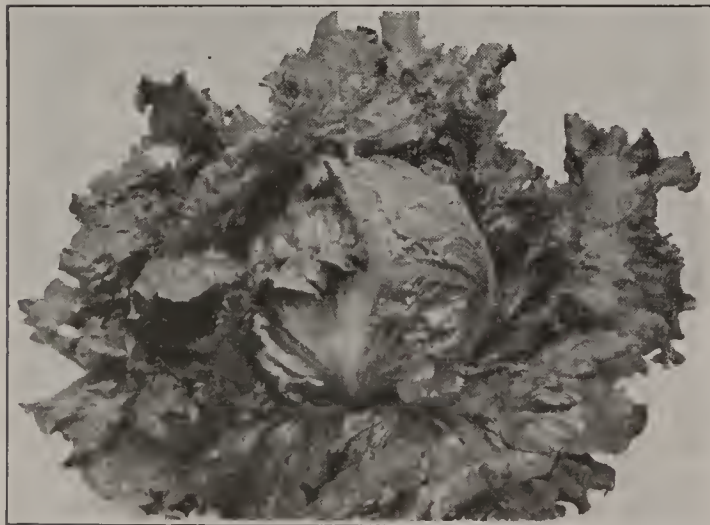
Mammoth Black-Seeded Butter. A yellowish green, compact head of large size and excellent quality. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

May King. Early, light green, head solid, good shipper. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

New York or Wonderful, No. 12. A distinct, very large, flatish globular head; outer leaves dark green frilled at the edge, inner portion crisp, compact, beautifully blanched and tender; of excellent quality. It is also known as Los Angeles and is the variety grown extensively on the Pacific Coast for eastern markets and sold under the name of Iceberg. However, that name belongs to another sort, which leads to confusion. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 55c.; lb., \$1.75.

Imperial 847. One of the newest Imperial varieties (New York type) resistant to brown blight. The exceptionally fine crops produced in Connecticut with 847 indicate that it is better adapted to our eastern conditions. Heads medium green, round, well filled and firm. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 55c.; lb., \$1.75.

Imperial No. 44. A new strain of the New York type which has done remarkably well in the East. Produced the highest percentage of marketable heads in many trials. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 80c.; lb., \$2.75.



New York No. 12

Cosberg. Resembles New York except much lighter green. Comes from a cross between Iceberg and Cos Lettuce, withstands heat well and has the fine flavor of the Cos variety. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 80c.; lb., \$2.75.

Salamander. (Black Seeded Tennisball). A compact, medium large, light green cabbage, butter-head, of excellent quality; withstands hot weather well; one of the most popular. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

White Boston (Unrivalled). A new and greatly improved strain of this important, very attractive cabbage butter-head of excellent quality, medium large size, light green, ten days earlier than Big Boston, with no tinge of brown. It is often called Green Leaved Big Boston. May be used at any time of the year, stands hot weather remarkably well. Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.50.

COS OR ROMAINE LETTUCE

Paris White Cos. (Trianon). This is considered the most reliable cos variety, grows upright, with long, spoon-shaped leaves, forms well-filled head of fine quality. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Musk Melon or Cantaloupe

Cantaloupe—Melon Muscatel—Phone o Mellone

Pkts. any variety Musk
Melon, 10c. each

Culture. Plant in the spring, in hills five or six feet apart each way, well manured with old rotten compost. Scatter a dozen seeds to the hill, and after they are out of danger from bugs, thin to three or four plants. A light, dry, sandy soil and a dry atmosphere are most suitable. Melons should not be planted near any other varieties if it is desired to preserve them pure.

GREEN-FLESHED VARIETIES

Rocky Ford. Oval-shaped, nearly round, medium size, and thickly netted, with no trace of ribs. The flesh is green, and for sweetness and spiciness is unexcelled. However, salmon-fleshed selections have now almost entirely superseded it as a shipping melon for reasons of rust resistance and shipping qualities. Per oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.00.

Hackensack or Nutmeg. An old standby which has prominent ribs; attains a large size, is late, round in shape, flattened at the ends, green flesh. Per oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.00.

SALMON-FLESHED VARIETIES

Bender's Surprise. A large, oval-shaped high-class melon with deep salmon flesh of most delicious flavor; keeps and ships remarkably well, in fact, actually improves after picking. Special Premium Stock. Per oz., 15c.; $\frac{1}{4}$ -lb., 45c.; lb., \$1.50.

Extra Early Osage. This is a fine early melon of the Osage type, medium size, oval, slightly netted and richly flavored, with a spicy lusciousness peculiarly its own; flesh thick and firm, but when fully ripe dissolving and delectable. Per oz., 15c.; $\frac{1}{4}$ -lb., 45c.; lb., \$1.50.

Hale's Best. A new, extra early melon which originated in the Imperial Valley, California; an oval about 8 x 4 $\frac{1}{2}$ inches, with heavy netting and fairly prominent ribs; salmon flesh of exceptional thickness. Hale's Best has become a most important early shipping sort. Per oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Sugar Rock. A new, salmon-fleshed melon from Michigan where it has become very popular. It



Hale's Best

seems to combine quality and attractiveness, with great yield and shipping qualities. We advise that you give it a trial. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Milwaukee Market. A new melon very much like Bender's Surprise in size and in appearance, though about a week later. The flesh is equally tender, thick and delicious. An exceptionally high quality melon for nearby market and home use. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

New Pollock No. 10-25. The result of long-continued work in the famous Rocky Ford melon section to produce a salmon flesh "Rocky Ford", highly rust resistant. A rather late melon, nearly round, 5 $\frac{1}{2}$ x 5 inches, heavily netted, no trace of ribs, flesh exceptionally thick. Per oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.00.

Emerald Gem. Small but prolific. Has a thin green rind, which makes it unsuitable for shipping; a very small seed cavity, rich and luscious meat of a salmon color. Per oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.00.

Osage or Miller's Cream. Smooth, or slightly netted, green exterior, medium size, oval slightly ribbed, thick, hard, salmon flesh; larger and about a week later than Early Osage; one of the finest melons grown. Per oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.00.

Tip Top. Very large, deeply ribbed, and thickly netted. Flesh yellow, thick and very sweet. Per oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.00.

Water-Melon

Wassermelone—Sandia—Anguria o Mellone

Culture. Plant in hills six or eight feet apart, in May. Select warm, light, dry ground and in preparing the hills let them be dug out as broad and deep as the soil will admit; fill at least one-third full of the best decomposed stable manure, and mix thoroughly with the soil; fill up a little above the level of the ground.

Cole's Early. A striped variety, nearly round, medium size; excellent quality; seed black. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

Kleckley's Sweets or Monte Cristo. Skin dark green, thin rind, flesh scarlet, very solid, firm and luscious; seed white. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

Halbert's Honey. Large, oblong, dark green, medium early, very sweet, crimson flesh, white seeded, quality the best. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

Ice Cream or Peerless. White seeded; early oblong; medium size; flesh sweet and tender; green skin, very thin rind. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

Klondike. A new, early, high-quality, medium sized melon for home or nearby market. While cylindrical in shape, the Klondike tapers toward the blossom end. Size about 10 x 16 inches; rind dark green; flesh deep red, free from fiber; in season about five days earlier than Halbert Honey. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.



Stone Mountain Watermelon

Stone Mountain. A new melon of highest quality. The fruits are nearly round, large, dark green; very early and productive. An exceptionally fine melon. Per oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.00.

Tom Watson. A large, late, long dark green melon with bright red flesh, brown seed. Its tough rind makes a good shipper. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

Citron

Citron, Red Seeded, for Preserves and Sweetmeats. Round, striped, flesh white and hard. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.00.

Colorado Preserving Citron, Green Seeded. Round, striped and larger than the red seeded variety, otherwise similar. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.00.

Mushroom Spawn

Blanc de Champignon—Seta—Champignonbrut

Mushroom Culture. Mushrooms are an edible fungus and may be grown wherever the temperature of fifty degrees can be kept up through the



Mushrooms

winter. The beds should be made from November to February, according to the time the mushrooms are wanted. It requires about two months for them to begin bearing.

American Pure Culture Spawn (bricks). Ten bricks will spawn 100 square feet (10 x 10 ft.). One brick, 30c.; 10 bricks, \$2.50. Postage extra, $1\frac{1}{4}$ lbs. each.

Mustard

Senf—Mostaza—Mortarda

Sow in April, in drills a foot apart, and thin out moderately when about three inches high. For succession sow every three or four weeks.

Fordhook Fancy. Handsomely curled and fringed, dark-leaved, vigorous growing variety; mild and remaining a long time before going to seed. Fine for salads and garnishings. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

Southern Giant Curled. A very hardy light green variety. Very popular, especially in the South during winter and early spring; excellent for salads. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 65c.

White London. Used for salads or greens when young. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 60c.

Onions

Zwiebel—Cebolla—Cipolla

Onion seeds should be sown as early as it is possible to work the ground, in drills one inch deep and twelve to sixteen inches apart, in rich soil, deeply tilled and lightly rolled. Thin to one inch apart. When sowing for sets, seed must be put in very thick, at the rate of about twenty pounds to the acre. The same patch may be used year after year for onions and never made too rich.

Danvers Yellow Globe. Medium large, mild, nearly globe shaped, has small neck, ripens up uniformly and is a good keeper. Especially popular in Connecticut Valley. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 65c.; lb., \$2.25.

Southport Yellow Globe. Deep globe-shaped and a heavy late cropper; one of the most extensively grown, for winter markets. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 65c.; lb., \$2.25.

Yellow Dutch or Strasburg. Medium sized and flat. Sown extensively for sets. Good keeper. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

Prize Taker. Rich straw color, of enormous size. The flavor is mild and delicate. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 65c.; lb., \$2.25.

Sweet Spanish. (Riverside Strain). The best of the very large sweet globular varieties. Similar to Prize Taker but superior in size and keeping qualities. Top and neck small; skin golden yellow; flesh white, very mild. These enormous handsome onions are easily grown from seed and require about 110 days from seed to marketable onions. A good plan also is to sow seed thickly early, and transplant; they transplant very easily and save on early weeding. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 65c.; lb., \$2.25.

Large Red Wethersfield. A medium large flat variety, very productive, keeps well. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

Southport Red Globe. This is a late large, globe, deep red-skinned variety; flesh white with tinge of pink; strong flavored, excellent keeper. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

Southport White Globe. Globular in form, medium large, late, very regular and symmetrical; skin white, flesh fine grained snowy white, mild. Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ -lb., 90c.; lb., \$3.00.

White Portugal or Silver Skin. Flat, very early, medium sized and mild flavor. Used for bunching onions from seed. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

Mammoth Silver King. Early, very large, white and flat. Used largely for bunching while green. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

Onion Sets

Onion sets, for both rare-ripes and tops, are set in twelve-inch drills, about three inches apart, and lightly covered. By this process early onions may be obtained several weeks earlier than from seed.

Ebenezer Onion Sets. (Yellow). Much the best sort of yellow sets for earliness, quality and production. Few seed stalks is a valuable feature. Per qt., 20c.; pk., \$1.00.

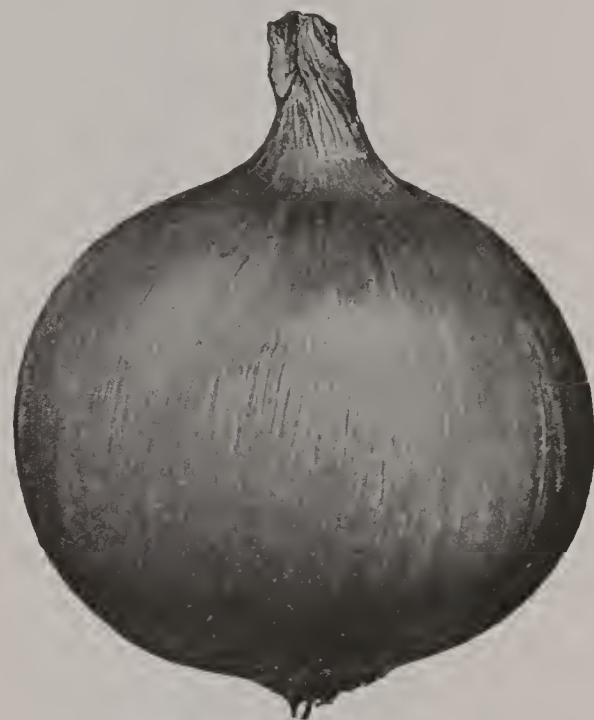
White Onion Sets. Per qt., 20c.; pk., \$1.00.

Red Onion Sets. Per qt., 20c.; pk., \$1.00.

Egyptian or Perennial Tree. Set out in July and August for early spring use. Per qt., 15c.; pk., 85c.; bu., \$3.00.

For sets in quantities, get special quotations, as prices vary during the season of planting.

Postage on Onion Sets extra, 1 pound per quart.



Danvers Yellow Globe

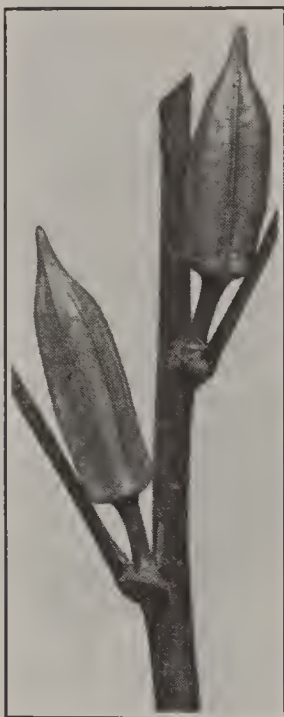


Ebenezer Onions Grown from Sets

Okra or Gumbo

Safran—Quimbombo—Othro

Select warm, rich soil and plant in rows two feet apart, thinning plants to a foot apart in the row.



Dwarf Green Okra

The pods are used to thicken soups, being gathered young. Okra is preserved for winter use by slicing the pods into rings and drying them upon strings hung up and exposed to the air.

White Velvet. Pods round, smooth and free from seams. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 60c.

Dwarf Green Prolific or Density. Early variety, pods green, slightly ridged and thickly set. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 60c.

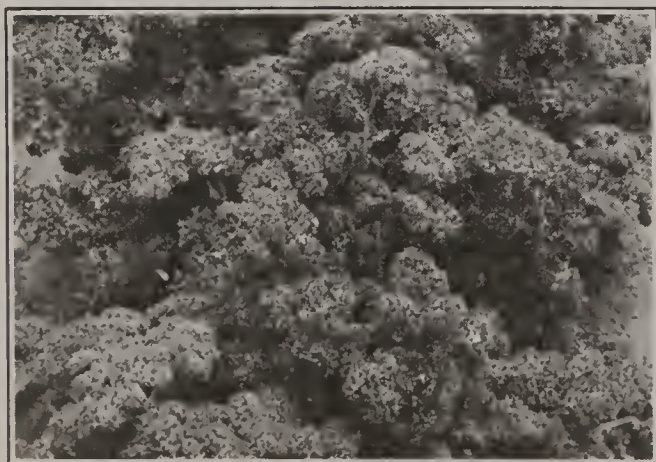
Parsley

Petersilis—Perejil—Prezzemolo

Parsley succeeds best in rich mellow soil. As the seeds germinate very slowly, three or four weeks elapsing before it makes its appearance, it should be sown early in the Spring. Sow thickly in rows a foot apart and half an inch deep. For winter use, protect in a frame or light cellar.

Champion Moss Curled. Very closely curled, dark green, the most popular. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Paramount. A new, exceptionally attractive, deep green and finely curled parsley. Received Award



Moss Curled Parsley

of Merit A. A. Selections for 1936. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Fern Leaf. A fine curled, fern-like variety. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Plain Leaf. Leaves dark green, deeply cut but not curled, more flavor and hardier than the curled variety. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 85c.

Hamburg Large-Rooted. The root is the edible portion. This is white; resembles a small parsnip. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Parsnips

Partinake—Chirivia—Pastainaca

Sow as early in spring as the weather will permit, in drills fifteen inches apart, covering lightly. When well up, thin out to five or six inches apart in the rows. They are improved by frost, and it



**A
Select
Stock**

**Hollow
Crowned
Parsnip**

is a good plan to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug up as required. They should be more extensively grown for stock feeding, being more nutritious than turnips, and an immense cropper.

Hollow Crowned. (Thick Shoulder). Roots 18-20 inches; skin, smooth and white; flesh, tender; the most popular variety. Our stock of this is especially fine. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

Long White Smooth or Sugar. Large and quite long, free from side root; excellent flavor. Good for table and for stock feeding. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

Short Thick. A very early small variety, roots 6 to 8 inches long; $2\frac{1}{2}$ inch diameter at shoulder; flesh, tender and sweet. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Peas

Erbsen—Ginsante—Pisrelli

Culture. Peas, for an early crop, should be sown as soon as the ground is in working condition. Soil should be light and dry. For general crops the ground should be well manured the previous year. They are usually planted in double rows three or four inches apart, and covered to the depth of two and one-half to three inches. All wrinkled peas are superior and more delicate in flavor than the smooth seeded varieties; like sugar corn, the saccharine matter which they contain causes them to shrivel when dried, and they will remain much longer in season than the other kinds.

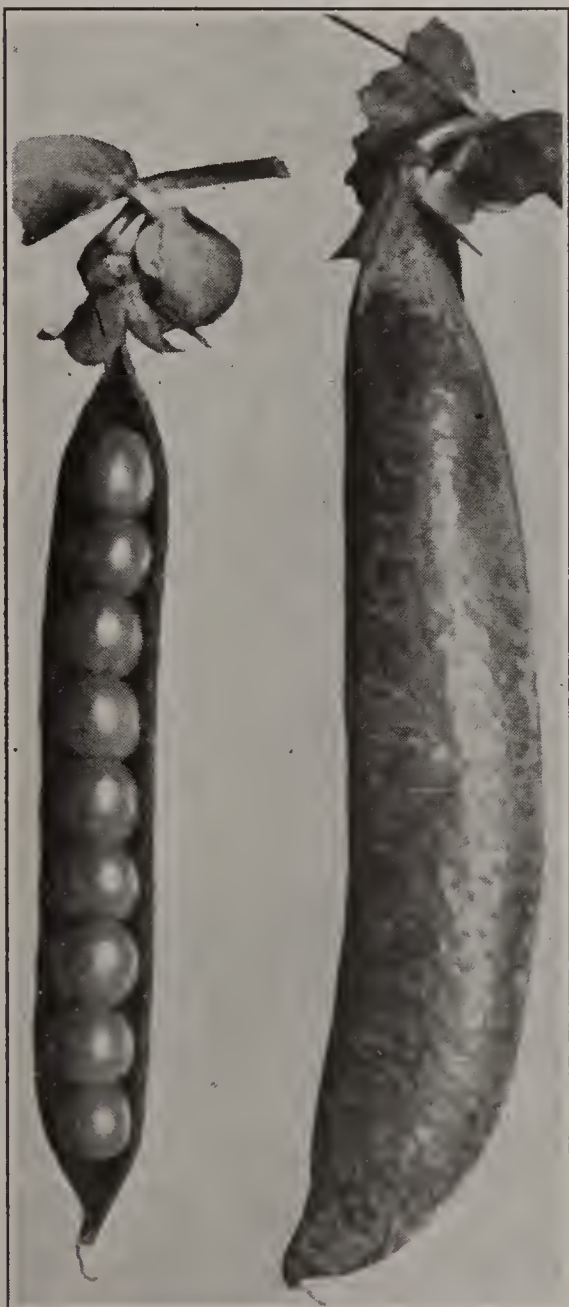
Earliest Peas

Pkts. any variety Peas 15c each
except where noted

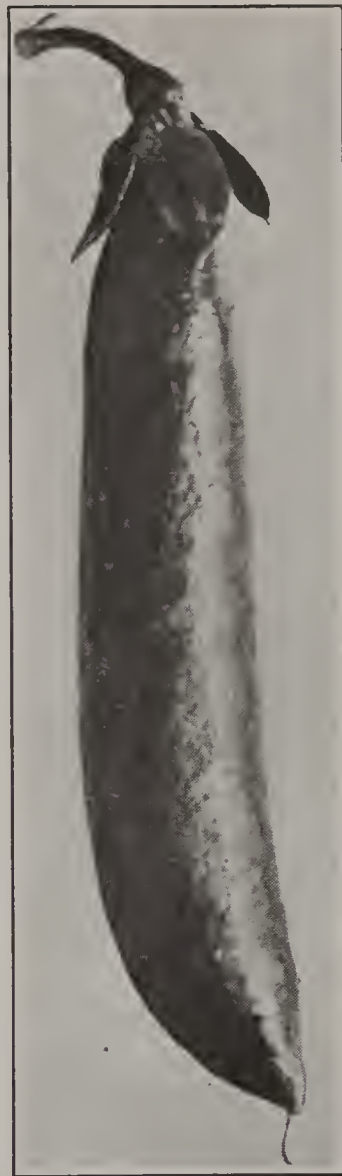
(Two or Three Feet High)

Alaska, or Earliest of All. (60 days). One of the earliest peas in cultivation, very hardy, seed smooth, small, round, bluish green, vines 2½ to 3 feet high, pods 3 inches long, 6 to 8 peas in a pod. The crop matures evenly, mostly gathered in one picking. Per pt., 25c.; qt., 40c.; 10 lbs., \$1.40; 100 lbs., \$11.00.

Pedigree Extra Early. (60 days). This is a very hardy strain of extra earlies, pods average 3 inches long, vines 2½ to 3 feet high, dry seed, smooth white or manilla color, considered better quality



Laxton's Progress



Gradus Peas
World's Record Strain

than Alaska. Per pt., 25c.; qt., 40c.; 10 lbs., \$1.50; 100 lbs., \$12.00.

Gradus. (61 days). World's Record Strain. The earliest large-podded wrinkled pea in cultivation. Vine about 2½ feet, light green. Pods dark green, four inches long, peas extra size and delicious flavor. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Thomas Laxton. (63 days). A popular early pea for home or market; vines 2½ to 3 feet, medium-green; pods 3½ inches, medium-green, plump, well-filled, blunt-ended and good quality; seed cream and green colored. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Peas, Dwarf

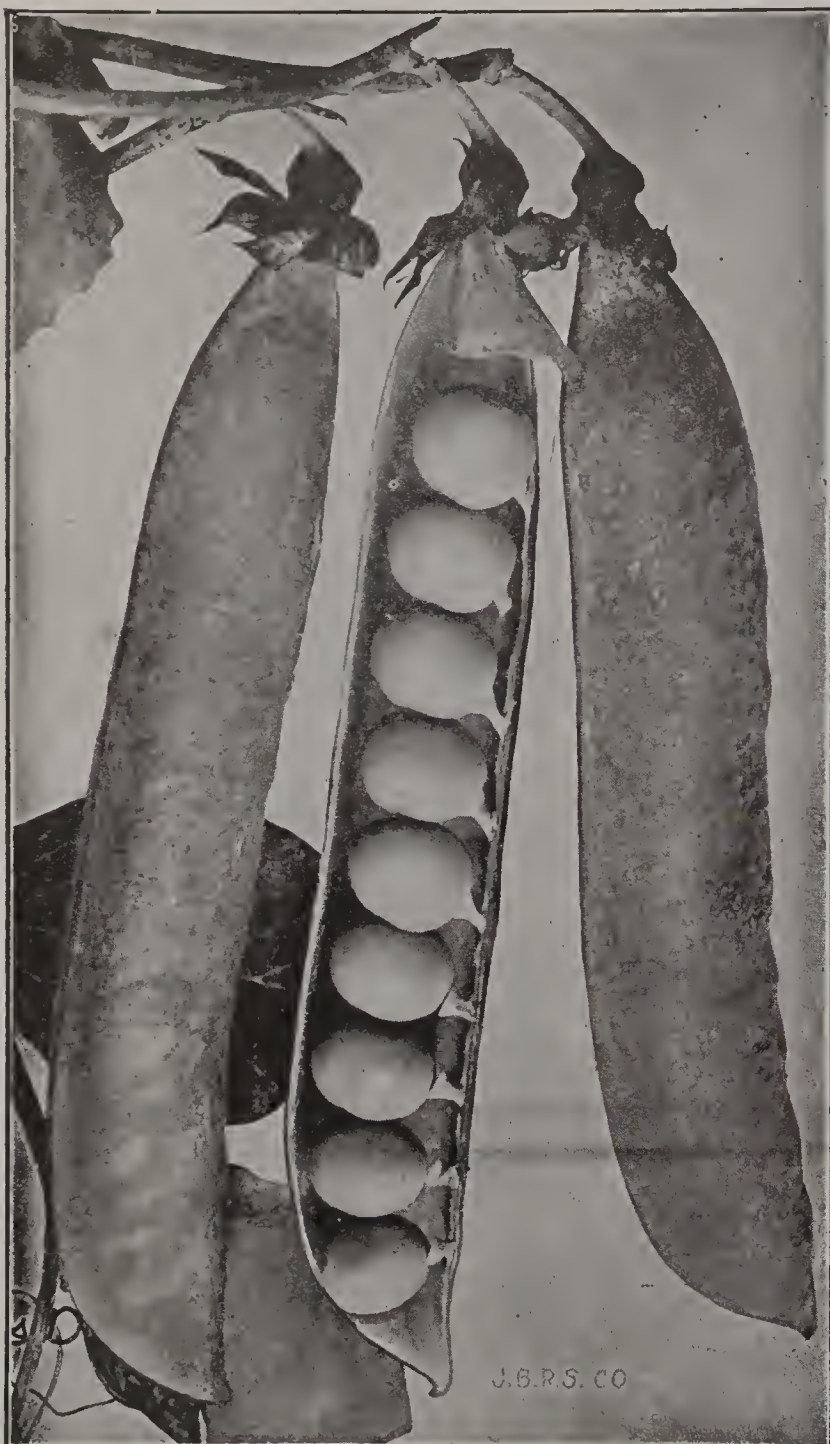
Little Marvel. (62 days). Resembles Nott's Excelsior, though larger in vine and growth, ordinarily fifteen to twenty inches high, pods borne in pairs, three inches long, very tightly filled. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Laxtonian. (62 days). A dwarf pea (eighteen inches) with large, dark green pods 4½ inches long. A fine pea of superb quality for either private or market gardeners. Blue Bantam and Hundredfold belong to the same group, which is the highest quality class of dwarf peas. Our stock of this pea is especially fine. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Note—Not less than 5 pounds at the 10-pound rate or less than 25 pounds at the 100-pound rate. Postage extra on Peas, Beans and Sweet Corn, except in pkts. Peas and Beans weigh about 2 pounds per quart; Sweet Corn, 1½ pounds. Add for postage according to zone (see page 2).

Peas—Continued

Pkts. any variety Peas 15c each
except where noted.



Telephone Peas

Laxton's Progress. (62 days). The largest podded and most attractive pea of the Laxtonian type, eighteen inches high, with deep green, broad pods $4\frac{1}{2}$ to 5 inches long, averaging seven to nine large peas to the pod. It is of highest quality and productive. Per pkt., 15c.; pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Sutton's Excelsior. (63 days). Large seeded, dwarf, early, wrinkled pea. Pods $3\frac{1}{2}$ inches long, light green, straight and blunt. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Nott's Excelsior. (62 days). Early sort of the older American Wonder and Little Gem type, very dwarf, twelve to fifteen inches high, pods medium size, blunt ended, $2\frac{3}{4}$ inches long, tightly filled with 6 to 7 peas of good quality. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

GENERAL AND LATE CROP

Two and One-Half to Five Feet High

Onward. (74 days). (New). A distinct, heavy-cropping, mid-season variety with strong, medium-green foliage. The blunt pods, 4 inches long, are tightly filled with peas of fine quality. Height 2 to $2\frac{1}{2}$ feet. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Telephone. (74 days). A fine dark podded strain of this popular variety. Vines 4 feet tall, vigorous and stocky, heavily loaded with attractive dark green pods, $4\frac{1}{2}$ to $5\frac{1}{2}$ inches long, containing 8 to 10 large peas of highest quality. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

Prince Edward. (75 days). Height, four feet. One of the largest podded peas. Vines make a rank growth under good cultivation and yield abundantly. Pods $4\frac{1}{2}$ inches long and broad, filled with peas of corresponding size. Per pt., 30c.; qt., 50c.; 10 lbs., \$2.00; 100 lbs., \$17.00.

NOTE REGARDING OLD VARIETIES OF PEAS. We have discontinued several of the old varieties, such as Champion of England, Duke of Albany, White and Black-Eyed Marrowfat, Stratagem, Bliss, Evergreen, Little Gem and other antiquated varieties still being called for. We recommend that you use the newer and better sorts. In Connecticut, for the past several years, early sorts have done better than late, for they are through before hot weather arrives. Peas do not thrive in hot weather.

EDIBLE PODDED PEAS

Melting Sugar. (White Seeded). Bears fleshy edible pods from four to five inches long and an inch wide. Very tender when young; cooked much the same as snap beans. The vines grow five feet long and require support. Per pt., 30c.; qt., 55c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

PEAS FOR SOWING BROADCAST

Canada Field. For field culture only. In their dry state they are used for feeding stock, making soups, etc. They are usually sown broadcast and often with oats or barley, cut and fed green, or left to ripen and then threshed. Per qt., 25c.; 10 lbs., \$1.00; 100 lbs., \$7.00.

Peas belong to the legume family, and can be inoculated with Cultures, enabling them to improve the soil supply of nitrogen. This should be taken advantage of, especially in large plantings. See page 37.

Peppers

Pkts. any variety Peppers
10c. each
except where noted.

Pfeffer—Pimiento—Peperone

Peppers should be started under glass. Transplant into the open ground towards the close of May, having the rows eighteen inches apart; plant a foot apart in the rows. The ground should be made very rich, either by high manuring before



Ruby Giant Pepper

the plants are transplanted, or by the liberal application of guano or liquid manure afterwards.

Harris' Earliest. A very prolific pepper, of medium size, extremely early, earlier than Neapolitan, of the Ruby King form. Fruits three and one-half inches high by two and one-half inches in diameter; three lobed and sweet. Plants small and compact. Per pkt., 10c.; oz., 50c.; $\frac{1}{4}$ -lb., \$1.50; lb., \$5.00.

Early Giant. A valuable, very early, large pepper; earlier and more productive than any other large fruited variety. The sweet thick-fleshed fruits average 5 inches long by $3\frac{1}{2}$ inches in diameter. The plant is sturdy and compact, 24 inches tall. It has superseded many of the older varieties, both for home and commercial use. Per pkt., 10c.; oz., 35c.; $\frac{1}{4}$ -lb., \$1.00; lb., \$3.50.

Neapolitan. Very early; fruits elongated, 2 x 4 inches, grow upright, three lobed, sweet and productive. Per oz., 30c.; $\frac{1}{4}$ -lb., 90c.; lb., \$3.00.

Ruby King. Very mild; the peppers attain large size. When ripe they are bright ruby red. Six days earlier than Ruby Giant and extensively grown for market. Per oz., 30c.; $\frac{1}{4}$ -lb., 90c.; lb., \$3.00.

Ruby Giant or Worldbeater. A cross of the Chinese Giant and Ruby King. A very large, sweet mango pepper. Ideal shape, thick flesh and more prolific than Chinese Giant. Per oz., 30c.; $\frac{1}{4}$ -lb., 90c.; lb., \$3.00.

Rocky Ford. New. Extra large thick-walled Ruby King type. Earlier than California Wonder. Per pkt., 10c.; oz., 85c.; $\frac{1}{4}$ -lb., \$2.50.

California Wonder. A pepper with exceptionally heavy walls, heavier than any other sort. A most attractive pepper resembling Ruby Giant in size and season. Bright green changing to brilliant crimson; the flesh is sweet. Per pkt., 10c.; oz., 45c.; $\frac{1}{4}$ -lb., \$1.35; lb., \$4.50.

Large Bell or Bull Nose. (Hot Strain). An early variety, fruit three to five inches long, flesh thick and pungent. Per oz., 35c.; $\frac{1}{4}$ -lb., \$1.10; lb., \$3.75.

Chinese Giant. One of the largest. It is the square-shouldered type, sweet flesh, five days later than Ruby Giant and not so productive. Per oz., 50c.; $\frac{1}{4}$ -lb., \$1.50; lb., \$5.00.

Sunnybrook. An improved squash or tomato-shaped pepper, twice the size of the old sort, one of the very thick walled peppers. Fruits 3 to $3\frac{1}{2}$ inches diameter by $2\frac{1}{2}$ to 3 inches deep. Absolutely sweet. Per oz., 30c.; $\frac{1}{4}$ -lb., 90c.; lb., \$3.00.



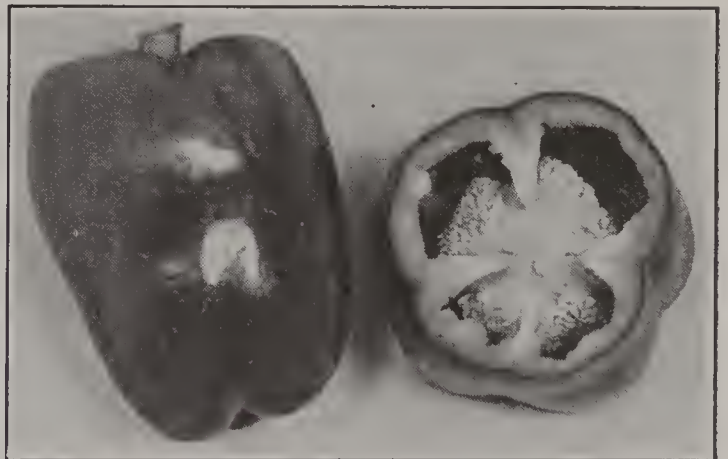
Sunnybrook Pepper

Red Cherry. (Large). A small round variety of dwarf growth, very piquant and quite ornamental. Per oz., 45c.; $\frac{1}{4}$ -lb., \$1.35.

Mammoth Cayenne. (Anheim Chili). Fruit hot, bright red, five to six inches long by one inch thick at the stem and tapering to a point. Per oz., 35c.; $\frac{1}{4}$ -lb., \$1.00.

Tabasco. The hottest of peppers, small bright red when ripe. Per oz., 50c.; $\frac{1}{4}$ -lb., \$1.50.

Small Chili. Very piquant and prolific. Per oz., 45c.; $\frac{1}{4}$ -lb., \$1.35.



California Wonder

Potatoes

As prices of potatoes fluctuate according to supply and demand, it is impossible to make prices for seed stock that will hold throughout the planting season. Catalogue goes to press in December. Quotations will be given on application. All our seed stock is northern grown by specialists and sold at very close prices. Orders booked in advance are usually lowest.

Irish Cobbler. A very prolific, early, round, white. We have arranged for a supply of certified seed stock of this popular sort.



Irish Cobbler Potatoes



Potatoes—Continued

Spaulding Rose. Large, oval, pink skin. This takes the place of the old Early Rose and is a much better yielding variety.

Gold Coin. Large, oval, cream white, second early and good for main crop.

Green Mountain. Vines strong and vigorous; tubers white, smooth and medium large. It is important that the seed is not only certified, but from a good, high-yielding strain and from fields with least possible disease affected plants. Will have a supply of such certified seed stock of this staple variety. Please write for market prices.

Rural Russet. A vigorous, healthy variety, remarkably resistant to blight and one of the heaviest croppers. The potatoes, which have a slightly russet skin, are white, somewhat flattened, with shallow eyes. Cooking quality excellent.

Note. The Irish Cobbler for early and Green Mountain for late crop are now more extensively used than any other sorts. Consequently have received more attention in building up high-yielding quality strains. We can recommend them strongly.

Pumpkin

Kurbiss—Calabaza—Zucca

Pkts. any variety
Pumpkin 10c. each

Plant about the middle of spring in manured hills eight feet apart, and leave but two or three plants in a hill; or plant in spring with Indian corn. Avoid planting near other vines.

Sugar. (New England Pie). Small, orange-colored, sweet and fine grained, finest quality. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 80c.

Winter Luxury. Medium size, round, russet yellow, netted skin, excellent keeper, high quality. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.



Large Cheese



Sugar Pumpkin

Large Cheese. Cheese shape, creamy yellow color, flesh fine grained. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

Connecticut Field. Large, round, orange yellow. A productive sort, principally for feed; not equal in quality to Large Cheese or Winter Luxury for pies. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

Winter Crookneck or Yellow Cashaw. A large two-foot-long, fine grained class of pumpkins, equally good for cooking (especially for pies) as well as stock feeding. The long neck is always solid; is very prolific and a good keeper. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

King of Mammoth, Jumbo or Potiron. This is the largest of the pumpkins, often growing to 100 lbs. and more; slightly ribbed, skin salmon-orange, flesh bright yellow. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Radish

Rettig—Rabanos—Ravanello

Sow early varieties in the spring as early as the ground can be worked, in drills ten inches apart, covering the seed half an inch deep; thin the plants to an inch apart in the row, as they are more tender and succulent when grown quickly. A rich, moist, sandy soil should be selected, and frequently watered in dry weather. For a succession, sow every two weeks until midsummer.

Saxa Extra Early. Special strain for under glass. The earliest forcing sort; ready in eighteen to twenty days. Bright red, globe-shaped, small leaved; select stock. Does well outside for very early planting. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

Radish—Continued

Pkts. any variety
Radishes 10c. each

Early Scarlet Globe. Special strain. A splendid early radish either for forcing or outdoor; globe shaped, bright cardinal color, flesh white and remaining crisp for a long period, tops small; its fine appearance and quality have made it the most popular bunching sort. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 70c.

Glowing Ball. Very early, perfectly round; a most attractive orange-scarlet color; flesh white, crisp and mild. Ready for table in 20 to 25 days. Received Award of Merit A. A. S. for 1934. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

Early Scarlet Turnip (White Tipped). Early, fine grain and flavor, round with white tip. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

Early Scarlet Turnip. Small, round, mild and crisp. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

French Breakfast. A quick-growing, oval-shaped radish, light color and white tip. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

Early Long Scarlet Short Top. Bright red color, very small tops. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

Chartier or Shepherd. An early summer, half-long variety; deep pink, white at the tip. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

White Icicle. The roots grow about four inches long and are ready for use within twenty-two days from the time of sowing. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

White Summer Turnip. Round, pure white. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 80c.

Stuttgart. A large round, white, solid variety for summer use, but keeping well into fall or winter. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 80c.

White Strasburg. Five inches long, thick at shoulder, tapering abruptly, pure white, firm and brittle; grows to large size. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 80c.

Black Spanish (Round). For winter use; texture firm and solid. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

Black Spanish (Long). Like the above, differing only in shape. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

China Rose or Winter. Very fine for winter use; large and tender. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

White China or Celestial. A winter sort, grows six to eight inches long, $2\frac{1}{2}$ to 3 inches in diameter, and keeps well. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.



Scarlet Globe Radishes



Icicle Radish

Rape—English

Forage plants of great value. Its fattening properties about twice that of first-class clover. Of rapid and luxuriant growth, attaining a height of two or three feet. It may be sown throughout the season, and in a few weeks from sowing, stock can be turned in on it. For broadcasting, sow ten pounds to the acre; in drills, five pounds.

Dwarf Essex. Used also for greens and salads. Per oz., 5c.; lb., 20c.; 10 lbs., \$1.75; 100 lbs., \$12.00.

Rhubarb or Pie Plant

Rhubarb, familiarly known as Pie Plant, or Wine Plant, is cultivated in gardens for its leaf stalks. Rhubarb succeeds best in deep, somewhat retentive soil, and the richer this is, the better. Sow in drills an inch deep, and thin out the plants to six inches apart. In the fall, or spring, transplant into very highly manured soil, setting them three feet apart each way, and giving a dressing of coarse manure every fall. The stalks should not be gathered until the second year.

Myatt's Victoria. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 45c.; lb., \$1.50.

Salsify or Oyster Plant

Sow in early spring, in light, rich soil, in drills fourteen inches apart; thin the plants to three inches in the row. The roots will be ready for use in October; and, like the parsnip, improve by remaining in the ground through the winter.

Mammoth Sandwich Island. (The most satisfactory variety). Roots grow long, smooth and white. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 55c.; lb., \$1.75.

Sorrel

Sow early in spring in drills. It is perennial and runs quickly to seed unless kept cut close.

Large French. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 45c.; lb., \$1.50.

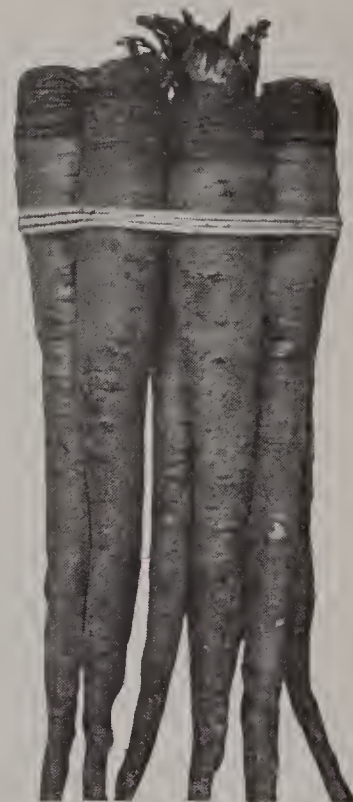
Spinach

The introduction of new types of Spinach recently makes it possible not only to grow heavier crops of better quality, but these types are slower to run up seed stalks. During the extra 12 or 14 days the plant makes more and larger foliage growth. We recommend using different varieties during the season, according to their hardiness and warm weather tolerance, about as follows: Early spring, Reselected Savoy; late spring, Savoy Long Standing. Juliana stands more hot weather than any other. Late August to Early September, Savoy Long Standing; September, Virginia Yellows Resistant where necessary because of yellows, otherwise Reselected Savoy, fall to winter over, Reselected Savoy or Giant Thick Leaf.

Giant Thick Leaved Longstanding. (New). Grows as quickly as the other early, smooth-leaved varieties, but is far superior to them because it stands up much longer. The leaves are very large, broad and thick. This sort is sold by some under the name of Nobel Spinach. Per pkt., 10c.; $\frac{1}{4}$ -lb., 15c.; lb., 40c.



Reselected Norfolk Savoy Spinach



**Salsify
or Oyster Plant**

Norfolk Savoy Leaved. Reselected. (Bloomsdale). A handsome, very early, productive and hardy crumple-leaved, dark green. It is the standard sort for fall sowing and to winter over. Also for early spring seeding, but not later on account of its running to seed quickly in warm weather. Per pkt., 10c.; $\frac{1}{4}$ -lb., 15c.; lb., 40c.

Savoy Long Standing. A valuable selection from Savoy to eliminate the plants which bolt to seed early. This strain will stand from seven to ten days longer than the regular, and produces a heavy crop of handsome appearance. Per pkt., 10c.; $\frac{1}{4}$ -lb., 15c.; lb., 40c.

Presto. A new prickly seeded spinach resembling in leaf, Reselected Savoy. However, it is both earlier and more hardy. Suitable for Fall or Spring use and especially for wintering over. Per pkt., 10c.; $\frac{1}{4}$ -lb., 15c.; lb., 40c.

Virginia Savoy Spinach. A yellows-resistant strain of interesting history brought about by the crossing with a Manchurian sort. The Virginia Truck Experiment Station is continuing its work, with further improvement in

Spinach—Continued

the type. It is, therefore, important to secure seed as we offer, only one generation removed from the stock seed. Spinach yellows has been a serious trouble in New England. This type is unsuitable for use during early fall months for fall cutting. Per pkt., 10c.; $\frac{1}{4}$ -lb., 15c.; lb., 40c.

King of Denmark Spinach. A spinach for late spring sowing; the plants are slow to run to seed. The leaves are large, round, dark green and crumpled or savoyed. Per pkt., 10c.; $\frac{1}{4}$ -lb., 15c.; lb., 40c.

Princess Juliana. This spinach is compact, having a very short petiole (leaf stem), extremely dark green leaf of heavy substance and crumpled. It is a slow grower, being fully ten days later than King of Denmark, which makes it valuable for late spring and summer use, when other sorts would bolt to seed. Per pkt., 10c.; $\frac{1}{4}$ -lb., 15c.; lb., 40c.

New Zealand. A branching plant of thick, fleshy, succulent growth. It is not strictly of the spinach family. Used same as spinach; flourishes under the heat of summer, and continues growing vigorously in most any kind of soil until killed by frost. The young branches are cut as required. Per pkt., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

Note. Market growers' special prices on spinach in 25-lb. lots and over quoted on application.



New Zealand Spinach

Squash

Speise Kurbis—Calabaza—Zucca

**Pkts. any variety Squash
10c. each**

The squash is a very tender vine and so sensitive that it cannot be planted out with safety until the weather becomes warm and settled. Plant in hills ten feet apart for running varieties; five feet for bush sorts; working some fine rich manure into each hill. Sprinkle liberally with plaster, wood ashes, or air-slacked lime, in the early stages of growth. Cultivate until runners are well started.

White Bush Scallop. One of the earliest, grows flat, with scalloped edges, color is creamy white. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 85c.

Early Summer Crookneck Bush. Early and productive; moderately warted golden yellow, 12 to 14 inches long. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 85c.

Giant Crookneck (Summer). Early yellow and warted; rapid growing; attains large size, average 16 to 20 inches. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Giant Straightneck. A selection from Crookneck. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Giant Straightneck (Special Strain). Per oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

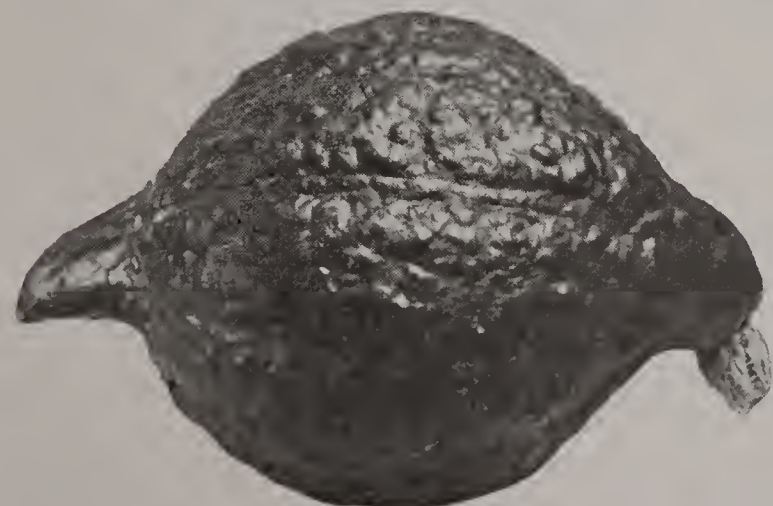
Early Prolific Straightneck. A smaller, and more productive strain of straightneck squash. Quite uniform, of attractive color and a week earlier. Received Award of Merit 1938 All America Selections. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.60.

Fordhook Bush. Eight to ten inches long, cream color outside and straw yellow within. For summer and fall use, very dry and sweet. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Delicious. Fall or winter sort of medium size, 6 to 10 lbs. each, top shaped, dark green shell, flesh thick bright yellow, dry and sweet. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Hubbard. Dark green, hard-shelled, medium large (10-12 lbs.) variety; flesh fine grained, dry and of good flavor. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Warted Hubbard. Similar in shape and color to the original Hubbard Squash, but larger fruits (14 to 16 lbs), with hard, roughly warted surface. Quality of flesh is equal to any of its class. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.



Improved Hubbard

Blue Hubbard. Similar in shape and size to the regular Hubbard, but with a very hard, blue-grey rind. Flesh golden-yellow, thick, and fine flavor. Per oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Golden Hubbard. In color a bright deep orange yellow. Flesh golden yellow and fine grain, excellent flavor. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Table Queen. (Des Moines). Also called Acorn. A small trailing variety; acorn shaped; deeply ridged, dark-green skin; flesh light yellow; delicious flavor. Excellent for baking. Fruits average $1\frac{1}{2}$ lbs. each. Per oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Boston Marrow. A superior fall squash, of rich orange color, and very productive. Per oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Squash—Continued

VEGETABLE MARROWS

Italian (Cocozelle Long Green Bush). Grows from ten to twenty inches long; diameter about four inches; skin smooth, dark green color, striped yellow or pale green. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 45c.; lb., \$1.50.

Zucchini (Italian Cocozelle). A shorter, blocky type, thirteen to fourteen inches. Skin grey green, slightly mottled and striped. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

Italian Cocozelle Longe. This is a favorite Italian Marrow (Sacra Bona) and generally allowed to run over brush supports or fences. It is quite ornamental, when trained over the pergola or arbor, furnishing both shade and edible fruits; cream color, two to three feet long and three to four inches in diameter. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.



Cocozelle Long Green Bush

Tobacco

Sow the seed in frames the latter part of March, or in the open ground when the soil has become settled and warm. Keep well watered, and when the plants are two inches high they may be transplanted in rows three feet apart each way. Tobacco requires a very rich, light, mellow soil.

Connecticut Seed Leaf. The popular variety in this vicinity, produces a very heavy crop of the fine broad leaves, mostly used for cigar wrappers. Per pkt., 10c.; oz., 40c.; $\frac{1}{4}$ -lb., \$1.20; lb., \$4.00.

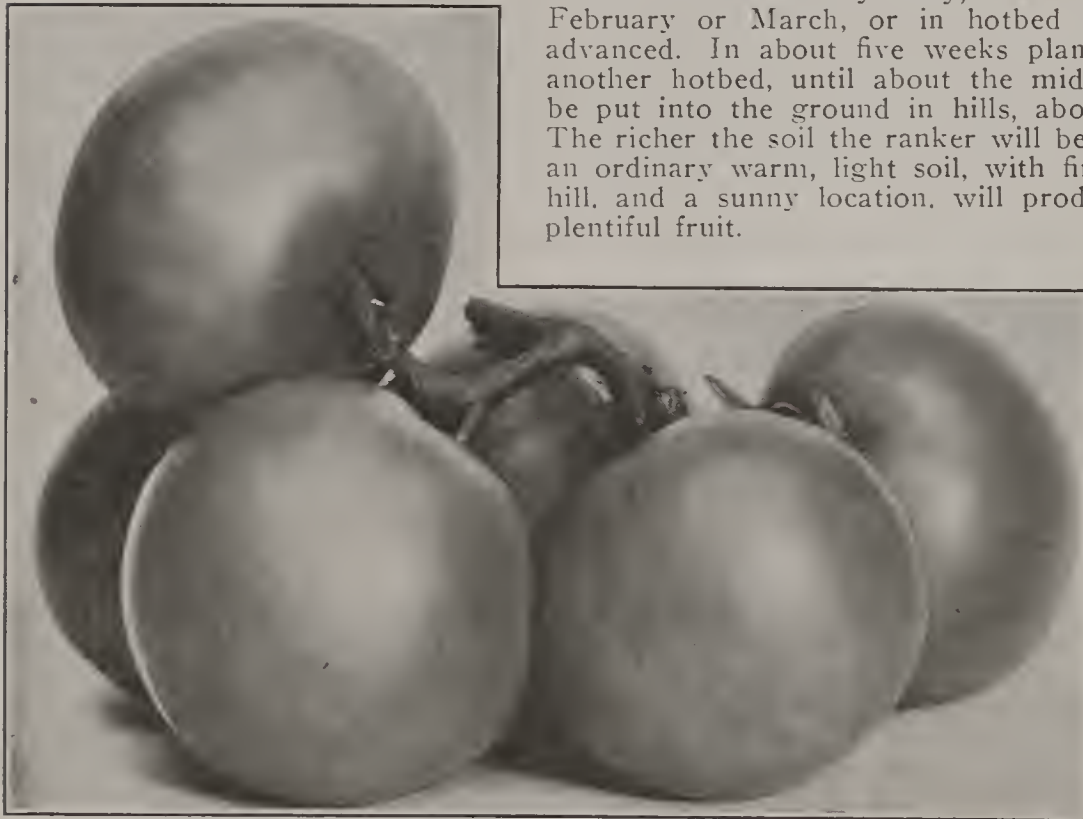
Havana. An excellent variety; leaves narrow, long and pointed. Per pkt., 10c.; oz., 40c.; $\frac{1}{4}$ -lb., \$1.20; lb., \$4.00.

Tomato

Liebesapfel—Tomatoes—Pomodoro

**Pkts. any variety Tomato
10c. each, except where noted.**

To obtain fruit very early, sow the seeds in greenhouse during February or March, or in hotbed when season has sufficiently advanced. In about five weeks plants should be transplanted to another hotbed, until about the middle of May, when they may be put into the ground in hills, about four feet apart each way. The richer the soil the ranker will be the growth of the vines, but an ordinary warm, light soil, with fine, well-rotted manure in the hill, and a sunny location, will produce the more handsome and plentiful fruit.



Pritchard, an Early Tomato of Many Fine Qualities

Earliana. Extra early, fruits medium in size, bright red. Vines usually through bearing or dead by September first. The most important feature of Earliana is its extreme earliness, with as firm smooth fruits as can be had, without sacrificing this feature. The seed we offer is a fine strain. It has been produced with care to combine these features to a remarkable extent. Per oz., 35c.; $\frac{1}{4}$ -lb., \$1.00; lb., \$3.50.

Earliana Special. A very superior strain, on which has been spent much time in individual plant selection, resulting in greater

uniformity, smoothness and productiveness than in any other strain we have ever seen. It is undoubtedly profitable for market growers to use such seed when obtainable. Per pkt., 15c.; oz., 70c.; $\frac{1}{4}$ -lb., \$2.25; lb., \$7.50.

Pritchard. (New). A great advance in the early class. These fruits ripen just after Earliana and with Bonny Best. A cross between Marglobe and Cooper's Special by the late Dr. F. J. Pritchard. Fruits good size, intense scarlet and do not turn yellow or blister; similar in structure to Marglobe, solid, almost no core, small seed pockets; excellent in appearance and quality. The plants are self-topping, disease-resistant and produce unusually heavy crops. The Pritchard is valuable for both market and home use. Per oz., 40c.; $\frac{1}{4}$ -lb., \$1.20; lb., \$4.00.

Scarlet Dawn. A cross of Clark's Early and Marglobe; earlier in season than either parent. Fruits medium-large with thick wall structure, globular, smooth, bright scarlet; exceptionally attractive. Highly desirable for home garden, market or canning. Per oz., 55c.; $\frac{1}{4}$ -lb., \$1.80; lb., \$6.00.

Bonny Best. An early, round, smooth, bright scarlet Tomato, similar to Chalk's Early Jewel; two to three days earlier and slightly smaller, producing especially well the early clusters of three to five attractive, solid fruits. Per oz., 35c.; $\frac{1}{4}$ -lb., \$1.00; lb., \$3.50.

Tomato—Continued

Pkts. any variety Tomato
10c. each, except where noted



Scarlet Dawn. New Early. Awarded All America Gold Medal for 1935

Chalk's Early Jewel. Medium size, bright red, smooth and solid; vines vigorous and heavy cropper; production continues over a long season; one of the best all-around second early. For many years a system of plant selection has been carried out in the growing of our tomato seed that has resulted in remarkably fine strains. The Chalk's Early Jewel has received particularly rigid selection. You will find this stock exceptionally fine. Per oz., 35c.; $\frac{1}{4}$ -lb., \$1.00; lb., \$3.50.



Marglobe

Rutgers. A new, very productive second early Tomato developed by the New Jersey Experiment Station. Attractive, large, globe-shaped, scarlet, exceptionally thick fleshed, fine quality; ripens first in the center, about ten days earlier than Improved Stone. Plant large and vigorous. A valuable variety for main crop. Per oz., 40c.; $\frac{1}{4}$ -lb., \$1.20; lb., \$4.00.

Dwarf Stone. Best of the dwarf varieties. Plant short, compact, tree-like, requiring no support;

fruit large, bright red and solid. Per oz., 45c.; $\frac{1}{4}$ -lb., \$1.35; lb., \$4.50.

Improved Stone. Large, bright, scarlet, very smooth, ripening evenly; solid and firm. This most important main crop variety has received rigid selection with the result it is the finest stock we know of. It is earlier than the old strain and only 11 days later than Pritchard, or 82 days from setting plants to marketable fruits. Per oz., 35c.; $\frac{1}{4}$ -lb., \$1.00; lb., \$3.50.

Marglobe. A disease-resistant variety introduced by the U. S. Department of Agriculture. Globe shaped, bright scarlet inside and out, very solid, almost coreless and productive; in season about 5 days earlier than Stone. Per oz., 40c.; $\frac{1}{4}$ -lb., \$1.20; lb., \$4.00.

Oxheart. A very large, late, pink-fruited tomato. It is oxheart in shape, heavy and solid, setting in clusters of 3 to 7, has few seeds and excellent quality. A novelty in size and shape, but not a market variety. Per oz., 85c.

Ponderosa. This excels in size, weight and solidity. Its color is purplish pink, and almost seedless. Per oz., 50c.; $\frac{1}{4}$ -lb., \$1.65; lb., \$5.50.

Golden Queen. A yellow sort of first quality. Solid, very smooth, large and ripens early. Per oz., 50c.; $\frac{1}{4}$ -lb., \$1.50; lb., \$5.00.

Yellow Pear. Pear shaped and used for pickling or preserving. Per oz., 50c.; $\frac{1}{4}$ -lb., \$1.65; lb., \$5.50.

Red Plum. Similar to the Pear, except in shape, which is full at top instead of tapering, and used for the same purposes. Per oz., 50c.; $\frac{1}{4}$ -lb., \$1.65; lb., \$5.50.

Red Cherry. A small, round, red tomato; size and shape like a cherry. Per oz., 50c.; $\frac{1}{4}$ -lb., \$1.65; lb., \$5.50.

Strawberry or Ground Cherry. This grows in a husk or pod, and may be kept all winter if the husks are not removed. The fruit is yellow and has a very sweet, pleasant flavor; may be eaten raw, but is generally used for preserves. Per oz., 50c.; $\frac{1}{4}$ -lb., \$1.65; lb., \$5.50.

Turnip

Rube—Nabo—Navone

For early use, sow as soon as the ground can be worked in the spring, in drills fourteen inches apart, covering but slightly, except in dry weather. The soil should be light, and, if possible, new. Manure with plaster, ashes or phosphate. Thin the early varieties to six inches apart, and the Ruta Bagas from eight to ten inches. For fall and winter use, the early kinds should be sown in July and August (they require 45 to 75 days) and the Ruta Bagas from middle June to middle July. Hoe them a month after sowing.

Platt's White Egg. (55 days). An early, very smooth, fine grained, white oval turnip, as its name indicates, and is unsurpassed for table use. Originated in a field of Cow Horn turnips growing in the vicinity of New Haven in 1870. It was introduced into commerce by Mr. Platt in 1877, and is now offered in nearly every seed catalogue of importance in America and Europe. Per oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 60c.

Early White Flat Dutch. (45 days). A garden variety, differing from White Strap Leaf only in the shape of its leaf, which is broader and rough edged. Per oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 60c.

Early Red-Top Strap Leaf. (45 days). A good flat turnip for early or late culture, and grows to large size. The top of the turnip is red or purple. Per oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 60c.

Long White or Cow Horn. (70 days). A long, quick-growing turnip, fine grained, tender and sweet. Chiefly grown for stock feed or soil improvement. Per oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 60c.

Red Top White Globe. (55 days). Pure white with a red top, excellent table variety. Per oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 60c.

Golden Ball. (60 days). Rapid grower, globe shaped, and of a deep yellow color, finest quality. Per oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 60c.

Amber Globe. (75 days). Grows to a large size, light yellow with green top; grown chiefly for stock feed. Per oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 60c.

Yellow Aberdeen. (Green Top). (75 days). This is globe shaped and a good keeper. Per oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 60c.

Seven Top. Cultivated for its abundance of tops, which are used for greens when young. Per oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 60c.

Shogoin. Used principally for its tender large tops, also produces an early white turnip of good quality. Per oz., 15c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

Swedish or Ruta Baga Varieties

Platt's Golden Winter Ruta Baga. (The Best). This is the finest grained, hard, solid and sweet; it is very productive and a good keeper; more wedge or spike shaped than other sorts. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

American Purple Top Ruta Baga. (90 days). A very hardy strain, selected for small tops and neck, deep globe-shaped, flesh bright yellow, hard and sweet, excellent for table or stock feeding; very popular with market gardeners. Per oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

White French. (90 days). Sometimes called White Rock, on account of its firmness and solidity; flesh pure white, mild,

very sweet. Sow seed in this locality from middle June to middle July. Per oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.



White Egg Turnip



Red Top White Globe



Platt's Golden Ruta Baga

Witloof Chicory

A crisp, Winter vegetable. Sometimes called French Endive. This makes one of the most delicious of all salads. It is also an excellent dish boiled. The seed is planted in May or June in the open ground and in the fall the roots are dug. The roots are then planted in earth in a dark cool place in the cellar or under greenhouse bench. Finely balanced, crisp leaves are then thrown out, and when cut new leaves form. The roots keep a long time and may be planted so that a fresh and delicious salad may be had all winter. Fancy fruit and vegetable dealers have imported this vegetable from France on account of its delicious flavor. Per pkt., 10c.; oz., 20c.; ¼-lb., 55c.; lb., \$1.75.

Sweet, or Pot and Medicinal Herbs

A few pot herbs, or sweet herbs, as they are usually called, should have a place in every vegetable garden. A very small space in the garden will give all the herbs needed in any family. The culture is very simple, and the best way is to make a little seed bed in early spring and set the plants out as soon as large enough. As a general rule, it is best to cut herbs when in flower, tie them up in small bunches and hang in the shade to dry.

The following is a list of herbs most cultivated and prized:

	Pkt.	Oz.	¼-Lb.	Lb.
Anise	10c.	15c.	40c.	\$1.25
Balm	10c.	50c.	1.50	5.00
Sweet Basil	10c.	20c.	60c.	2.00
Borage	10c.	15c.	45c.	1.50
Caraway	10c.	15c.	25c.	85c.
Catnip	10c.	1.25		
Coriander	10c.	15c.	25c.	75c.
Dill	10c.	15c.	25c.	75c.
Sweet Fennel (large)	10c.	20c.	60c.	2.00
Horehound	10c.	30c.	90c.	3.00
Lavender (Vera) true	10c.	60c.	1.75	6.00
Sweet Marjoram	10c.	20c.	60c.	2.00
Rue	10c.	40c.	1.20	4.00
Sage, Broad Leaf English	10c.	25c.	75c.	2.50
Summer Savory	10c.	20c.	55c.	1.75
Thyme, Broad Leaf English	10c.	50c.	1.50	5.00
Wormwood	10c.	50c.	1.50	5.00



Sage



Witloof Chicory



Sweet Marjoram

INOCULATE ALL LEGUMES

Alfalfa, all Clovers, Soy Beans, Cow Peas, Peas, Beans, Vetch with

For profitable results, Agricultural Colleges advise inoculation of all legume seed, because it pays well in producing larger yields. Fresh, high count NITRAGIN, containing billions of nitrogen-gathering germs build up the soil. Costs less than others—is cheapest crop insurance. Insist on NITRAGIN.

GARDEN SIZE Composite Culture (4-in-one) to inoculate Garden Peas and Beans, Lima Beans and Sweet Peas and Lupins. Sufficient for 4 lbs. Seed, 10c.

IMPORTANT: When ordering NITRAGIN, always be sure to state kind of legume seed you wish to inoculate.



THE ORIGINAL SOIL INOCULATOR
With the Date and Germ Count
on every can

Every Can
Stamped with
Expiration
Date
Fresh
Each Year



Every 1 Bu
Size Can
Packed with
More Than
7 Billion
Legume
Germs

NITRAGIN PRICES

Culture A to inoculate Alfalfa and Sweet Clover, also Culture B to inoculate Red, White, Alsike and Crimson Clover.

To Inoculate

½-bu., or 30 lbs. Seed...\$.30
1-bu., or 60 lbs. Seed... .50
2½-bu., or 150 lbs. Seed... 1.00

Culture C for Peas and Vetch also Culture D for Field and Garden Beans.

To Inoculate

½-bu., or 30 lbs. Seed...\$.25
1-bu., or 60 lbs. Seed... .40
5-bu., or 300 lbs. Seed... 1.70

Culture E for Cow Peas and Lima Beans, also Culture S for Soja Beans.

To Inoculate

1-bu., or 60 lbs. Seed...\$.30
5-bu., or 300 lbs. Seed... 1.00

Nitratin has served the American Farmer since 1898.

The Frank S. Platt Company's Grains, Grasses and Farm Seeds

Choice Stocks Selected for High Germination and Purity Test



Harvesting Leap's Prolific Wheat

Farm Seeds

Prices on all grass and grain seeds subject to market fluctuations

Sudan Grass. A forage crop of great value. Belongs to the sorghum family, is strictly an annual. 3 to 5 feet tall. Sow in drills or broadcast, 20 lbs. to the acre for hay or cutting green. When cut, grows again until frost. Per lb., 10c.; 100 lbs., \$6.50.

Evergreen Broom Corn. Best for general cultivation; brush fine and long. Per lb., 22c.; 100 lbs., \$17.00.

Sorghum or Early Amber Sugar Cane. Grows 10 to 12 feet high. Matures early and best adapted to the northern states, for syrup making. Used also for ensilage. Per lb., 14c.; 100 lbs., \$9.50.

Kaffir Corn. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. The grain is used for feeding poultry. Per lb., 11c.; 100 lbs., \$6.00.

Flax Seed. Whole druggists' flax, not for seed. Per lb., 15c.; 100 lbs., \$11.00.

Sunflower. Mammoth Russian. Large heads grown for seeds. Per lb., 15c.; 100 lbs., \$11.00.

Vetches, Spring, or Tares. (*Vicia Sativa*). Of the Pea family, round black seeds. Usually sown with oats or barley for fodder. Culture same as field peas, two bushels per acre. Per lb., 13c.; 100 lbs., \$8.00.

Vetch, Sand, Winter or Hairy. (*Vicia Villosa*). Sow in early fall or spring, usually with rye for support; grows three to four feet and is ready to cut as soon as bloom appears, and again for seed. Per lb., 20c.; 100 lbs., \$14.50.

Peas, Canada Field. (See page 28). Per quart, 25c.; bushel (60 lbs.), \$4.25.

Soja Bean, Illini. We have found this to be one of the most desirable sorts for our northern states to use either as a forage crop or plowing in. The pods develop sufficiently if sown in May or June to add greatly to the food value. Per lb., 10c.; bushel (60 lbs.), \$2.50.

Spring Wheat

Prices on all grains subject to market fluctuations

Marquis. Beardless. This is the \$1,000.00 Prize Spring Wheat, and also graded A-1 flour product at the Saskatchewen Baking Contest. It is a plump, hard, dark red berry, making a fine appearance in bulk. It matures about ten days earlier than our ordinary varieties, bearing its head of good size, well up on good stiff straw. Per $\frac{1}{4}$ -bu., 75c.; bu., \$2.50.

Winter Wheat

Prices on all grains subject to market fluctuations

Leap's Prolific. Beardless, golden chaff, grain hard; large dark red. Straw long and stiff; ripens early. Sow $1\frac{1}{2}$ bushels per acre. Per bu., \$2.00.

Yorkwin. Bald. White variety of special value in the East; large berry and very productive. Per bu., \$2.40.

Buckwheat

Prices on all grains subject to market fluctuations

Japanese. Straw heavier, branches more, and not sown thick as other kinds. Per $\frac{1}{4}$ -bu., 60c.; bu., \$2.00.

Silver Hull. Heavy yielder; berry is small, light, silvery gray color. Per $\frac{1}{4}$ -bu., 65c.; bu., \$2.00.

Spring Barley

Prices on all grains subject to market fluctuations

Oderbrucker (Wisconsin No. 55). Six-rowed; heavy yielding sort, with long full heads; stools freely; the protein content is very high, nearly twice the ordinary. Per $\frac{1}{4}$ -bu., 60c.; bu., \$2.00.

Beardless. Similar in appearance to the six-rowed varieties while growing, but the beard does not develop and it is much pleasanter to handle while harvesting and cleaning. It is also better for feeding, as stock do not suffer from the sharp needle-like spines. Per $\frac{1}{4}$ -bu., 75c.; bu., \$2.75.

Rye

Prices on all grains subject to market fluctuations

Spring. It is an excellent catch-crop where winter grain has been killed out, making good straw and fair yield of grain. Per $\frac{1}{4}$ -bu., 75c.; bu., \$2.25.

FALL OR WINTER RYE

Rosen. A superior and productive sort introduced by the Michigan Agricultural College. The yield is often double that of the common. We exercise care to obtain only pure seed. Per $\frac{1}{4}$ -bu., 50c.; bu., \$1.50.

Oats

Prices on all grains subject to market fluctuations

Choice White. Per $\frac{1}{4}$ -bu., 35c.; bu., 90c.

Swedish Select. It will pay well, whether for cutting green or grain is desired, to sow these heavy yielding oats; kernel white, very large, strong, stiff straw. The yield is often increased 25 to 50 per cent over the common. Per $\frac{1}{4}$ -bu., 40c.; bu., \$1.25.



**Sand, Winter or Hairy
Vetch with Rye**



Swedish Select Oats

Our Special Grass Mixtures

Owing to Market Fluctuations We Will Give Special Quotations for Bulk Seeds



After Seeding

Before Seeding

Grass Seed for Lawns, Athletic Fields, Etc.

Grass is the most beautiful outdoor carpet. The photos here show a country home before and after seeding, a home lawn in New Haven, the Lee Press on the Post Road and a scene on the New Haven Municipal Golf Course.

We are prepared to make up special formulas on short notice but do not carry in stock the lightweight grades so frequently used to quote low prices, which in reality are high, not only because of the large percentage of inert matter but low germinating power. Coarse grasses, such as Domestic or Italian Rye Grass, should be used only in moderate quantities when a nurse crop is required. They are not permanent.

In laying out a piece of ground for a lawn, care should be exercised to obtain the grade, and perfect the general plan of the ground before attempting to sow any seed at all. After the correct grade has been obtained and the surface sufficiently plowed or spaded it should be thoroughly harrowed to pulverize the lumps and so left that there will be at least four inches of good rich top soil over the whole surface. Remove all roots and loose stones, brush the surface or rake down perfectly smooth, and in a suitable condition for successful germination and growth of the fine seed, which is used for seeding. Leaving the soil in this condition 5 to 15 days or more before seeding is desirable, when possible, especially in spring sowing. During this time many weed seeds in the soil germinate and

are easily killed by pulling or very shallow raking. A lawn is kept closely cut and a dense turf of fine grasses is desired. For that reason seed should be sown thickly (100-150 lbs. per acre or 3 to 4 lbs. per thousand square feet). After sowing the seed, rake the surface lightly; roll to firm the soil if necessary. Avoid forming a crust or hard surface often caused by rolling too heavy or when wet.

Platt's Evergreen Lawn Seed

Best for general purposes. Contains heavy grade, thoroughly re-cleaned seeds only of Kentucky Blue Grass, Red Top, Rhode Island Bent and White Clover. The many beautiful lawns that have been produced with Platt's Evergreen Lawn Seed and Platt's Shady Nook, about private homes, churches, universities and other public buildings are proofs of the exceptionally high-grade and suitable seeds used in these formulas. Please note that our seed weighs 31 lbs. per bushel. Price: 1 pint, 25c.; 1 quart, 45c.; 5 lbs., \$2.15; 10 lbs., \$4.30; 15 lbs., \$6.15; 30 lbs., \$12.30; 100 lbs., \$38.00. Use 4 lbs. for each 1000 square feet new seeding.

Edgewood Park Lawn Grass Seed

This formula is well balanced and contains heavy re-cleaned Kentucky Blue Grass and Red Top only. These grasses are an excellent combination for lawns, fairways and places where neither White Clover or any Bent grass is desired. The seeds used in this mixture are of exceptional purity, graded, fancy re-cleaned. On account of their character and purity, much less bulk is required for a given area; 100 to 150 lbs. per acre, or 3½ lbs. per 1,000 square feet. Sold by weight only. Per lb., 40c.; 10 lbs., \$3.80; 30 lbs., \$10.80; 100 lbs., \$33.00.

Platt's Premier Lawn Seed

Sets a high standard for fine quality and at the same time lends itself with advantage to the so-called Weedless lawn method of fertilizing. The combination of highly refined Rhode Island Bent and Kentucky Blue Grass, together with sufficient Red Top to act as nurse crop, is unexcelled for fine texture and close turf, of exquisite color. Price subject to change. Per lb., 70c.; 10 lbs., \$6.70; 100 lbs., \$61.00.

Platt's "Shady Nook" Lawn Seed

Many beautiful lawns are marred by bare spots under trees and near ornamental shrubbery or buildings.

Our Shady Nook is composed mainly of short fine grasses that will withstand such conditions better than our other mixtures. It is important that soil fertility and moisture supply is well provided for in places getting but little sunshine.

For best results the land must be dug deeply, removing roots of trees and vines, these being largely responsible for lack of grass roots. A heavy coat of manure, dug in, and a dressing of bone, when seeding, should complete the usual necessary preparation. Weight per bushel, 31 lbs. Per 1 pint, 30c.; 1 quart, 55c.; 5 lbs., \$2.65; 10 lbs., \$5.30; 15 lbs., \$7.65; 30 lbs., \$15.30; 100 lbs., \$48.00.



Hay and Pasture Grass Seeds

Prices subject to variation. Special quotations for large quantities

Mixture for Hay and Permanent Pasture. Consists of a number of grasses long recognized as the best combination for this latitude; two bushels per acre. Per 100 lbs., \$25.00.

English Rye Grass. A nutritious, permanent grass for meadows and pastures, also as nurse crop with others for lawns. Per lb., 20c.; 100 lbs., \$18.00.

Italian Rye Grass. A quick-germinating, vigorous grass, similar to the English, except not so hardy and therefore preferred as a nurse crop with fine, slow-growing, but more permanent grasses. It is desired to have the nurse crop cease to exist after it has served its purpose. Per lb., 20c.; 100 lbs., \$17.00.

Red Top, Fancy Cleaned. Heavy recleaned seed. Important both agriculturally and for making turf. Excellent in combination with Kentucky Blue or others, but too coarse after first year to be sown alone on fine lawns. Germinates quickly. Per lb., 22c.; 100 lbs., \$18.00.

Rhode Island Bent. (*Agrostis Tenuis*). Also known as Astoria Bent. Now available in a very pure state (98% or better). Considered the finest and most reliable type of non-creeping Bent for fine lawns in the Northeastern States. It keeps its roots below the ground surface and is almost immune to fungus diseases. Per lb., 90c.; 100 lbs., \$85.00.

Netherlands Mixed Bent. (*Agrostis App.*). Incorrectly called Creeping Bent. Very fine leaved and of creeping habit. Forms close, dense turf. Used on fine lawns and golf greens. Per lb., \$1.25; 100 lbs., \$120.00.

Fancy Kentucky Blue. (*Poa Pratensis*). Valuable for lawns when mixed with other varieties. It germinates slowly two or three weeks and requires a year or more to establish strong turf. It requires a rich soil but not necessarily a limestone soil. Extra heavy cleaned seed. Per lb., 36c.; 100 lbs., \$33.00.

Canada Blue. (*Poa Compressa*). A hardy perennial grass, with creeping rootstalks, forming a durable turf, though not so compact as Kentucky Blue. It grows on poor and dry soils, standing extremes of wet or drought, and keeping green until the severe frosts of winter. It is distinguished from the Kentucky Blue Grass by its flattened, wiry stems and bluer color. (14 lbs. to the bushel). Per lb., 32c.; 100 lbs., \$27.00.

Meadow Fescue or English Blue Grass. (*Festuca Pratensis*). A highly valuable species for permanent grass land. It does not, however, attain its full productive power until the second or third year, when it far exceeds most other sorts in the quantity of its produce and nutritive matter. Per lb., 24c.; 100 lbs., \$21.00.

Chewings Red Fescue. (*Festuca Rubra*). A deep-rooted grass. It thrives on dry sandy soils, and remarkably well in shade, forming a good turf surface, especially valuable for steep slopes on lawns. It is the only fine-leaved fescue forming a dense smooth turf. Per lb., 72c.; 100 lbs., 69.00. New crop ready in May, probably change in price.

Rough Stalked Meadow Grass. (*Poa Trivialis*). Resembles Kentucky Blue in appearance. Most valuable grass for shady lawns where there is reasonable amount of moisture. Per lb., 50c.; 100 lbs., \$46.00.

Orchard Grass. (*Dactylis Glomerata*). One of the most desirable pasture grasses for stock and for shady places. Per lb., 30c.; 100 lbs., \$25.00.

Timothy. (*Phleum Pratense*). More generally grown than any other variety for hay. High-grade, clean seed is of greatest importance. We carry a large stock of this seed, buying in car lots, which is graded and sold on basis of purity and germination tests. Prices on application.



Clean—Adaptable—High Test Seeds for Better Crops

Millet

Current prices on application

True Southern or Tennessee Millet. Equal in quality to any of the other millets and far superior in yield to the Common or Golden, growing from three to five feet high, with abundant foliage, and terminating with large seed heads, formed by numerous panicles of small round, bright golden yellow seeds. Per lb., 11c.; 100 lbs., \$6.00.

Japanese or Barn Yard. (Billion Dollar Grass). Forage plants of great value, growing luxuriantly on most any soil and under indifferent conditions. It will grow in seasons of extreme drought and attain a height of six feet. When cut continues to grow until frost. Per lb., 11c.; 100 lbs., \$6.00.

Clover

Current prices on application

Alsike or Hybrid Clover. (*Trifolium Hybridum*). Even poorly drained lands will produce a good crop of this; perennial and very hardy. It is very valuable both for pasturing and soiling; very productive, sweet and fragrant. The flowers are a distinct light pink, and much liked by bees. Per lb., 32c.; 100 lbs., \$30.00.

Crimson Trefoil or Scarlet Italian Clover. (*Trifolium Incarnatum*). An annual, valuable as a cover crop, soil improver or for fodder; attains a height of eighteen inches with pointed bright crimson blossoms. It is not reliably hardy north of Philadelphia. Per lb., 20c.; 100 lbs., \$17.50.

White Clover. (*Trifolium Repens*). Thrives best in damp locations, and while not a heavy producer, it is valuable in permanent pastures. In connection with Blue Grass it affords the most nutritious food for sheep and cattle, and also makes a fine addition to mixture for lawns. Choice, (high test seed). Per oz., 10c.; ¼-lb., 25c.; lb., 95c.; 25 lbs. and over, price on application on account of market fluctuations.

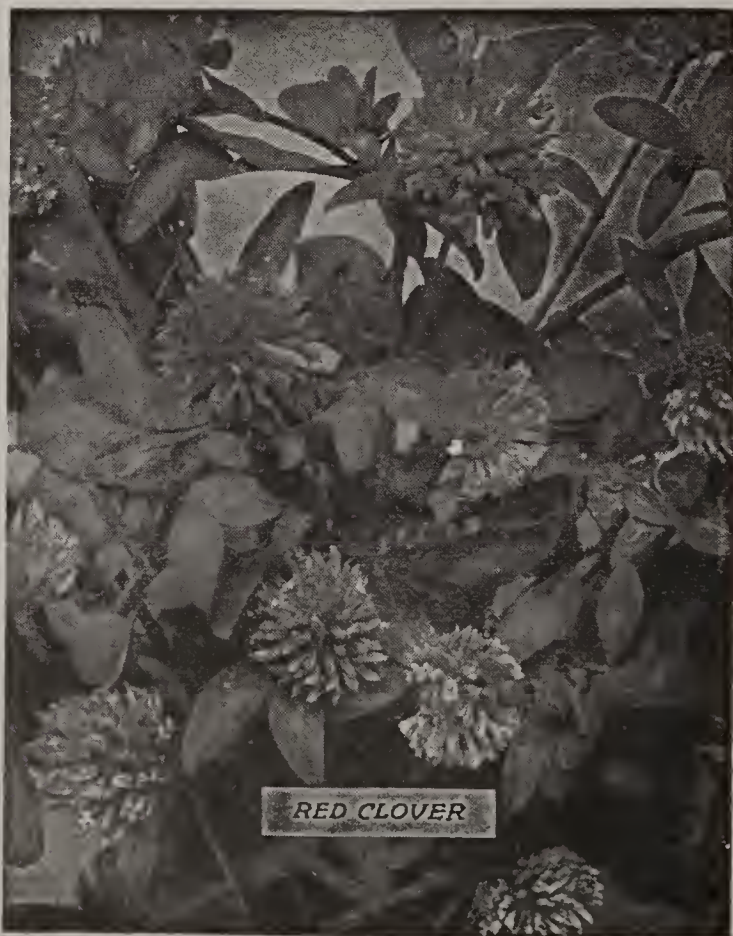
Sweet Clover. (*Melilotus Alba*). Valuable biennial, thrives almost anywhere except on acid soils. One of the greatest plants known for soil improvement; feed value equal to alfalfa; used extensively by bee-keepers. Sow at rate of 18 to 20 lbs. per acre; April or August usually most satisfactory. Per lb., 13c.; 100 lbs., \$11.50.

Red Clover, Medium. (*Trifolium Pratense*). The common variety, used with other grasses for either pasture or meadow. Domestic northern grown seed 99.25% pure or better. Price per 100 lbs., \$26.00.

Red Clover, Mammoth, or Pea Vine. Grows much taller than medium, with large, coarse stalks, and is largely used for plowing under for green manure. Per 100 lbs., \$27.00.

Alfalfa. (*Medicago Sativa*). Very productive, succeeds in any good soil that is well drained and not acid; lasts for a number of years. It thrives on dry, rich sandy soil, producing three or four cuttings annually, and even in seasons of severe drought it is always fresh and green, because the roots extend so deep into the soil. It grows two to three feet high, with purple blossoms. Hardiness and purity are of more importance when buying alfalfa seed than a slight difference in price. Sow 20 to 25 lbs. per acre. Write for market price.

Grimm Alfalfa. This is the very hardy variety which has given such satisfaction in our north-eastern states. We exercise great care to have the genuine, and usually have State-sealed grades. Write for market price.





Platt's Select Flower Seeds

Specialists in America and Europe have in recent years greatly improved many of our annuals and perennials through scientific plant breeding and selection. Continued important developments are sure to be of interest. We have given much care to secure these finer strains, and careful comparison will show they are superior to those ordinarily obtainable. We are confident that Platt's Seeds will please both old and new customers, for they come from the world's finest sources of supply.

Abronia

Pretty trailing annual; verbena-like heads of sweet-scented flowers; very effective in rock work or hanging baskets.

Umbellata. Rosy lilac. White eye. Per pkt., 10c.; oz., 60c.

Abutilon (*Flowering Maple*)

A tender perennial shrub, producing bell-shaped drooping flowers of various colors.

Finest Mixed. (Hybridum Maximum). Per pkt., 25c.; 1/8-oz., \$1.00.

Achillea

"The Pearl" Ptarmica Fl. Pl. Improved. Double white, hardy perennial, grown easily from seed, blooms first season, if sown early, and continues in profusion all summer. Excellent as a cut flower; height 2 feet. Per pkt., 10c.; 1/8-oz., 75c.

Acroclinium

Annual, 20 inches high. Flowers everlasting, double, white and rose pink shades. Flowers in six weeks from seed. Sensation Giants are a much improved stock.

Sensation Giants. New. Per pkt., 10c.; 1/4-oz., \$1.25.

Ageratum

A Mexican flower suitable for bedding or pot culture. Blooms continually. Annual.

Blue Perfection. Large flowered, free blooming, the darkest blue, nine inches. Pkt., 10c.; oz., 75c.

Imperial Dwarf, Blue. Clear blue, six inches. Per pkt., 10c.; special pkt., 25c.; oz., 60c.

Imperial Dwarf, White. Six inches. Per pkt., 10c.; oz., \$1.25.

Blue Cap. Rich color; foliage small. Plants have appearance of miniature domes. Ideal for edging. Per pkt., 15c.; 1/8-oz., 75c.

Midget Blue. Three to four inches tall, uniform compact plants covered with small, azure blue flowers. Truest and most compact. Silver Medal A. A. Selection for 1939. Pkt., 25c.

Agrostemma

(*Mullein Pink*)

An attractive, free-flowering hardy perennial, producing flowers on long, slender stems like a single pink; blossoms the first season. Foliage silvery white.

Coronaria. (Rose of Heaven). Dark blood red. Per pkt., 10c.; oz., 35c.

Alyssum Sweet

Invaluable plant for edging or ribbon lines, blooming all summer. Hardy annual.

Maritimum. Fragrant white; flowers all summer; height nine inches; somewhat trailing, suitable for broad edges and vases. Pkt., 5c.; oz., 25c.

Compactum, Little Cem. Best for general use. Grows compact and erect; six inches. Per pkt., 10c.; special pkt., 25c.; oz., 50c.

Carpet of Snow. Two to three inches high. Fine for edging. Pkt., 10c.; special pkt., 25c.; oz., 60c.

Lilac Queen. Height 6 inches. Pkt., 10c.; oz., 75c.

Saxatile Compactum. Single plants produce many hundred bright yellow flower-heads; one foot. Hardy perennial. Per pkt., 10c.; special pkt., 25c.; oz., 85c.

Amaranthus

Ornamental foliage plants of extremely brilliant and showy colors. Half-hardy annual.

Tricolor. (Joseph's Coat). Leaves yellow, red and green. Per pkt., 10c.; oz., 60c.

Caudatus. (Love Lies Bleeding). Flowers in bunches of long, drooping, chenille-like tassels. Per pkt., 10c.; oz., 35c.

Anchusa

Italica Dropmore Variety. A greatly improved perennial type, grows 4 to 6 feet tall, blooms during June and July and if cut back will flower again in September. The flowers resemble large forget-me-nots of lovely gentian blue. Per pkt., 10c.; oz., 60c.

Blue Bird. (Annual). (Summer Forget-me-not). New Compact Type, indigo blue. Best treated as an annual, height 18 inches, blooms freely all summer; fine for cut flowers. Per pkt., 10c.; oz., 50c.

Antirrhinum (Snapdragon)

MAXIMUM VARIETIES

(New Rust-Proof Strains)

	Pkt.	Oz.
Canary Bird. Canary yellow	15c.	\$3.00
Copper Shades. Copper-orange to old gold	15c.	3.00
Snowflake. (Alaska). White	15c.	3.00
Rose. (Loveliness). Soft rose-pink..	15c.	3.00
Maximum Mixed. All colors	10c.	2.00

Rust-Proof Majus Grandiflorum Mixed. This excellent mixture which contains many new shades, plus all the colors of the non-resistant types, is undoubtedly the finest Majus Grandiflora Mixture ever seen. The improved habit, uniform type, and size of flowers should make this a very popular mixture. Height 2½ feet. Per pkt., 10c.; special pkt., 25c.; oz., \$2.00.

NANUM GRANDIFLORUM

This group produces good spikes and does not require stakes. Height 1½ feet.

	Pkt.	Oz.
Empress. Rich velvety crimson	10c.	\$4.00
Golden Queen. Clear yellow	10c.	3.00
Melody. Delicate salmon-pink with lemon yellow center	10c.	3.00
Purity. (Florist's strain). Pure white	10c.	3.00

Royal Rose. An outstandingly beautiful, rich rose-colored, half-hardy variety from England where it is highly recommended as "King of Bedders." The large individual flowers form dense spikes and continue blooming over a long season. Award of Merit A. A. S. for 1936. Per pkt., 15c.

St. George. A superb snapdragon the same in type as Royal Rose but with a new wonderful shade of orange-cerise which is absolutely distinct. Award of Merit A. A. S. for 1936. Per pkt., 15c.

Semi-Dwarf Large Flowered Mixed. Rust-proof. Per pkt., 10c.; special pkt., 25c.; oz., \$1.25.

Rock Hybrids. Early flowering hybrids, forming small, compact bushes; very suitable for rock gardens; 8 inches. Per pkt., 15c.; ⅛-oz., 50c.

Aquilegia (Columbine)

A very graceful plant, with spurred blossoms in great variety of colors; ranks among the finest early flowering. Hardy perennials.

Blue Shades. Long Spurred. New, fine strain, huge flowers on plants 3 feet. Per pkt., 15c.; ⅛-oz., \$1.00.

Snow Queen. Long Spurred. Pure white flowers. Per pkt., 15c.; ⅛-oz., \$1.00.

Pink Shades. Long Spurred. Per pkt., 15c.; ⅛-oz., \$1.00.

Long Spurred Hybrids. A superb strain possessing a wide range of beautiful, rich, new colorings. Per pkt., 15c.; ⅛-oz., \$1.00.

Arctotis

Grandis. 3 ft. African Blue-Eyed Daisy. Pale lilac-blue, flowers freely from July until frost. Good cut flower. Per pkt., 10c.; oz., 75c.

Hybrids. 8-12 inches. Lovely daisy-like flowers of orange, bronzy-red, rose, cream, yellow and salmon shades; useful for cut flowers. Easily grown from seed, blooming from July until frost and suitable for hot sunny places. Pkt., 15c.; ⅛-oz., 80c.

Asparagus

Plumosa Nanus. Graceful, bright green, lacy, fern-like foliage. Per pkt., 15c.; oz., \$2.00.

Sprengeri. Decorative drooping fronds; excellent for hanging baskets and window boxes. Per pkt., 15c.; oz., \$1.25.

Platt's Superb Asters

Wilt Resistant Asters. We now have nearly all varieties and colors available in resistant strains. It has taken years to do so and we strongly recommend them.



Aster, American Branching (Wilt-Resistant)

Asters

Queen of the Market. The best first early, a medium sized flower, perfectly double, of branching habit, good form and stem, about two weeks earlier than late branching.

Wilt Resistant Strains.	Pkt.	¼-oz.	Oz.
Lavender	10c.	40c.	\$1.50
Peach Blossom	10c.	40c.	1.50
Purple	10c.	40c.	1.50
Rose. New, soft	10c.	75c.	2.50
White	10c.	40c.	1.50
Mixed Varieties	10c.	40c.	1.50

Asters—Continued

American Branching. Plants large, vigorous, branching with strong stems. Flowers of large size, very full to the center. Our strain of this superb aster has been grown with such care we unhesitatingly believe it is unsurpassed.

Wilt Resistant Strains.	Pkt.	¼-oz.	Oz.
Crimson	10c.	50c.	\$1.75
Lavender (Deep)	10c.	50c.	1.75
Shell Pink (Mary Semples)	10c.	50c.	1.75
Purple	10c.	50c.	1.75
Rose (Light)	10c.	50c.	1.75
White	10c.	50c.	1.75
Mixed	special pkt., 25c.	10c.	50c. 1.75

Beauty Asters. (Early Type). Strong branching plants; long stems; large, well-formed flowers. It is not an early Aster as compared to Queen of the Market. Blooms at the same time as American Branching and flower is of that type, but larger. Wilt Resistant Strains.

Azure Fairy. Azure blue or dark lavender	Pkt.	¼-oz.	Oz.
Rose (Deep)	10c.	70c.	\$2.50
Shell Pink	10c.	70c.	2.50
White	10c.	70c.	2.50
Finest Mixed...special pkt., 25c.	10c.	55c.	2.00

Early Giant Wilt Resistant. New. Finest of the resistant, large flowered Giants of California type. Flowers four weeks earlier. Plants less tall, 1½ ft., with strong, heavy stems.

Light Blue	Pkt., 15c.	¼-oz.,	\$1.25
Peach Blossom (light) ..	Pkt., 15c.	¼-oz.,	\$1.25
Rose Marie (bright rose)	Pkt., 25c.	⅛-oz.,	\$1.00

Improved Crego. (Wilt-Resistant). Plants robust, branching, about 2½ feet; flowers large, double and well formed. One of the finest for all purposes. Blooming season between Early Giant and Giants of California.

Azure Blue	Shell Pink
Deep Rose	White
Purple, Dark Violet	Mixed Colors

Price any above: Pkt., 10c.; ¼-oz., 50c.; oz., \$1.75. Special large pkt., all colors mixed, 25c.

Giants of California. Non-Wilt Resistant. Flowers full, curled and interlaced Crego type, but larger and two weeks later; on long heavy non-lateral stems. Plants 3 ft. Offered in mixed only. Resistant strains Early Giant and Crego recommended. Pkt., 15c.; ¼-oz., 75c.; oz., \$2.50; special pkt., 25c.

Los Angeles Super-Giant. A pure shell-pink. The first of a new giant race; like the Giants of California, but earlier, much larger and fuller centered. Per pkt., 15c.; ¼-oz., 90c.

El Monte. Super-Giant. A deep glowing crimson Crego type. Received Award of Merit A. A. S. for 1936. Per pkt., 15c.; ¼-oz., \$1.25.

Lilliput Double Rose. A distinct "Lilliput," the abundant small, flat topped, double flowers on 12-14 inch plants, are attractive, both for cutting and when used as pot plants. Per pkt., 10c.; ⅛-oz., 60c.

Single Asters. Single Asters have a beautiful charm and simplicity of their own. The colors range same as in the doubles. We believe this single type of Asters is destined to become very popular.

Single Chinensis Finest Mixed. (Wilt Resistant). Per pkt., 10c.; oz., 50c.

Single Giants Mixed. (Wilt Resistant). Per pkt., 10c.; oz., \$1.25.



Aster Improved Crego
(Wilt-Resistant)

California Sunshine, Improved. Single Anemone-flowered, center of flower filled with florets. A very artistic, beautiful and useful flower. Stems long and strong. Per pkt., 15c.; ⅛-oz., 60c.

Perennial Aster Mixed. (Michaelmas Daisies). Newest varieties in mixture. Per pkt., 10c.; ⅛-oz., 75c.

Auricula

(See *Primula Auricula*)

Balloon Vine

Cardiospermum—Love in a Puff

Rapid-growing climber, remarkable for its inflated seed pods, from which it is sometimes called "Balloon Vine." Annual.

Halicacabum. White. Per pkt., 10c.; oz., 30c.

Balsam

Balsams are among the showiest of our old favorite garden annuals, easy to grow plants, blooming continuously with double flowers of brilliant colors.

Salmon King. Bright salmon pink. Per pkt., 10c.; oz., \$1.00.

Double Scarlet. Camellia Flowered. Per pkt., 10c.; oz., \$1.00.

White Perfection. Camellia Flowered. Large double, pure white. Per pkt., 10c.; oz., \$1.00.

Double Camellia Flowered. Finest Mixed. Per pkt., 10c.; oz., 75c.

Bush Flowered Finest Mixed. Improved bushy habit, this new type bears flowers in full view instead of being hidden on side of stems. Per pkt., 15c.; ¼-oz., 50c.

Balsam Apple

(See *Momordica*)

Bartonia

Showy garden annual with bright yellow flowers 1½ feet. Per pkt., 10c.; oz., 75c.

Begonia

Sow in February or March in pots, without any covering of earth. Cover with glass and keep in a warm but shaded place. The plants will give an abundance of bloom the first year. Properly kept, tubers will flower more freely the second year. Begonias thrive in either shade or sunshine.

TUBEROUS-ROOTED BEGONIAS

Single Mixed Fringed. New, splendid strain. Per pkt., 35c.; $\frac{1}{4}$ -oz., \$3.75.

Double Mixed. From a very rich collection. Per pkt., 50c.; $\frac{1}{4}$ -oz., \$11.00.

FIBROUS-ROOTED BEGONIAS

Begonias offered under this head have attractive foliage, among the most desirable for flowering in the house. Bedding in partly shaded locations or under full sunshine outdoors they continue in full bloom throughout the season.

Prima Donna. Large flowers, limpid rose, shading to carmine. Per pkt., 25c.; $\frac{1}{4}$ -oz., \$6.00.

Vernon Compacta. Flowers brilliant purplish-carmine; bronze leaves; good for bedding. Per pkt., 25c.; $\frac{1}{2}$ -oz., \$2.50.

Semperflorens Mixed. A variety well adapted for house or outdoor culture. Plants of compact dwarf habit, and are continuous bloomers. Per pkt., 10c.; $\frac{1}{8}$ -oz., 75c.

Semperflorens Christmas Cheer. Crimson-scarlet. Per pkt., 50c.; $\frac{1}{2}$ -oz., \$5.00.

Semperflorens Christmas Pink. Rose-pink. Per pkt., 50c.; $\frac{1}{2}$ -oz., \$5.00.

Bellis Perennis *Double Daisy*

Prefers a cool, sheltered situation, and needs some protection in winter. Flowers are quilled or flat petaled, white, red or variegated. Half-hardy perennial.

Monstrosa Rose. Fine, large, double dark rose flowers. Per pkt., 10c.; $\frac{1}{8}$ -oz., 60c.

Monstrosa White. Pure white, large and very double. Per pkt., 10c.; $\frac{1}{8}$ -oz., 60c.

Monstrosa Red. Double and unusually large flowers, red shading to rose. Per pkt., 20c.; $\frac{1}{8}$ -oz., \$1.00.

Monstrosa Double Mixed. Per pkt., 10c.; $\frac{1}{8}$ -oz., 60c.

Brachycome

Swan River Daisy

A delicate dwarf, half-hardy, annual, effective for edging, beds or rustic baskets. Produces an abundance of daisy-like flowers about an inch in diameter and in shades from dark blue to nearly white. Per pkt., 10c.; oz., \$1.25.

Browallia

Profuse blooming plants, continuing throughout the summer, studded with blue and white flowers, growing freely in any rich soil. Height, 18 inches.

Speciosa Majus. Splendid large, blue flowers. Sow seed in late summer in pots for winter bloom. Per pkt., 15c.; $\frac{1}{2}$ -oz., \$2.00.

Elata Mixed. Half-hardy Annual. Flowers smaller than Speciosa. Per pkt., 10c.; oz., 75c.

Cacalia *Tassel Flower*

A pretty half-hardy annual, with tassel-shaped flowers, scarlet and golden yellow. Blooms from July to September. Height, 18 inches.

Mixed Colors. Per pkt., 10c.; oz., 75c.

Calceolaria

Splendid plants for greenhouse decorations, forming in spring dense masses of beautiful pocket-like flowers. The seeds germinate best without heat, and should be grown in pans or pots.

Hybrida Grandiflora Mixture. Giant strain, large flowers, very choice. Mottled and spotted. Per pkt., 35c.; $\frac{1}{4}$ -oz., \$2.75.



Calliopsis Gold Crest

Calliopsis

Black-Eyed Susan

One of the brightest annuals in the garden; easily grown; useful for massing and cutting. The colors are rich and striking; flowers numerous and beautiful on slender stems.

(For perennial varieties, see Coreopsis).

Dazzler. Compact variety, height 12 inches, improved in habit and flower. Rich maroon center with broad golden yellow border. Per pkt., 10c.; oz., 60c.

Fire King. Compacta. Deep, bright scarlet. Height, 12 inches. Per pkt., 10c.; oz., \$1.50.

Gold Crest. 12 inches. New improved type, semi-double larger flowered and better stems. Golden yellow with maroon center. Per pkt., 10c.; oz., 60c.

Dwarf Mixed. 12 inches. Per pkt., 10c.; oz., 40c.

Coronata Maxima. (Crown of Gold). Height, 20 inches. Large single yellow flowers. Pkt., 10c.; oz., 50c.

Nigra Speciosa. 2½ to 3 feet. Rich maroon. Per pkt., 10c.; oz., 40c.

Splendens. 2½ to 3 feet. Large golden flowers with maroon center. Per pkt., 10c.; oz., 40c.

Hybrida. Semi-Double Mixed. 2½ to 3 feet. Per pkt., 10c.; oz., 40c.

Calendula *Pot Marigold*

Free flowering hardy annuals growing in any good garden soil, producing a fine effect in beds or mixed borders and continuing in bloom if seed pods are removed, until killed by hard frosts.

Ball's Gold. (Improved Florists' Strain). Dark golden yellow. Per pkt., 10c.; oz., 75c.

Ball's Orange Improved. (Florists' Forcing Strain). A selection from Orange King; bright orange with lighter center. Per pkt., 10c.; oz., 75c.

Campfire Improved. (Sensation). The flowers are extremely large, dark orange, with a scarlet sheen. Strong stems with few buds gives it advantages over all others for forcing. Per pkt., 10c.; special pkt., 25c.; oz., 75c.

Calendula—Continued

Chrysantha. Resembles a Chrysanthemum in type; clear buttercup yellow. An ideal cut flower. Per pkt., 10c.; oz., 50c.

Orange King. Splendid, large double-flowered, deep orange. Per pkt., 10c.; special pkt., 25c.; oz., 40c.

Orange Fantasy. Received All America Award 1938. Curled and interlaced petal type with mahogany bronze center. Per pkt., 10c.; oz., \$1.00.

Orange Shaggy. New and distinct. Petals long, fringed; deep orange, lighter in center. Awarded Gold Medal 1935. Per pkt., 10c.; oz., 50c.

Radio. Distinct new type; globular and quilled; rich orange. Per pkt., 10c.; oz., 50c.

Double Mixed. Per pkt., 5c.; special pkt., 15c.; oz., 30c.



Calendula Chrysantha

Campanula

Hardy, herbaceous perennials, bearing attractive bell flowers, thriving best in light rich soil; some of the varieties flower first season if planted early. Carpatica is fine for beds, edgings and ribbon gardening.

Campanula Pyramidalis. Large flowers of a lavender blue, borne on spikes 3 to 4 feet tall. Per pkt., 10c.; oz., \$2.50.

Carpatica Blue. Single. Free flowering; continuing in bloom the whole season; hardy perennials; six inches. Per pkt., 10c.; oz., \$1.50.

Carpatica Alba. Per pkt., 10c.; oz., \$1.50.

Persicifolia Mixed. Blue and white. Single, flowering in July and August. 2 to 3 feet. Per pkt., 10c.; oz., \$4.00.

Canary Bird Flower

Tropaelum Canariensis

An ornamental creeper, with bright, yellow fringed flowers, resembling a canary bird with wings partly spread, and finely divided foliage.

Yellow. Per pkt., 10c.; oz., 35c.

Candytuft

Seed sown in April flowers in July. Both species are easy to cultivate. Single plants look well and bloom profusely. Hardy annuals, one foot high.

Giant Hyacinth Flowered. White. Improved strain. Immense pure white spikes. Candelabra-



Canterbury Bells

shaped plant. Per pkt., 10c.; special pkt., 25c.; oz., 75c.

UMBELLATA VARIETIES

	Pkt.	Oz.
Carmin (Rich red)	10c.	35c.
Crimson (Dark red)	10c.	35c.
Lavender (Delicate rosy lavender) ...	10c.	35c.
Albida (Pure white)	10c.	35c.

Rose Cardinal, new improved strain. Most effective for bedding 10c. 50c.

Mixed Colors. Special select Umbellata mixture. Per pkt., 5c.; special pkt., 25c.; oz., 35c.

Perennial. (*Iberis Sempervirens*). Hardy, low growing, compact plant; blooms from late April through June in masses of pure white. Fine for border, edges or cemetery planting. Per pkt., 10c.; oz., \$2.25.

Canna Indian Shot

The seed shells are very hard, and to facilitate germination it is a good plan to soak them in warm water ten to twelve hours before planting.

Dwarf Large Flowered French. The flowers range through all the shades of yellow and orange to the richest crimson, scarlet and vermillion; some are also beautifully spotted. Mixed. Per pkt., 10c.; oz., 45c.

Canterbury Bells

Single Choice Mixed. Beautiful, large, bell-shaped flowers; hardy biennials; two feet. Per pkt., 10c.; oz., 60c.

Double Mixed. 2 feet. Per pkt., 10c.; oz., \$2.00.

Calycanthemum. (Cup and Saucer). This is the most popular variety of Campanula, producing plants with white, blue and rose flowers, resembling cup and saucer. Single mixed. Per pkt., 10c.; special pkt., 25c.; oz., \$2.50.

Annual Canterbury Bells (New). Plants grow 2 to 2½ feet tall, each having 6 to 8 spikes of dark blue, light blue, pink, rose or white blooms. This novelty should become very popular. Blooms in six months from seed. Per pkt., 10c.; oz., 75c.

Cardinal Climber *See Ipomea***Carnation**

Carnations are general favorites for their delicious fragrance and richness of colors. The Chabaud's *Enfant DeNice* produce 90% splendid double flowers. While not as hardy as the *Grenadin* class are best treated as annuals. They are a much better flower and bloom in 5 months from seed. 1½ feet.

Chabaud's Giant *Enfant DeNice* Double White. Per pkt., 25c.; ⅛-oz., \$2.00.

Chabaud's Giant *Enfant DeNice* Double Red. Per pkt., 25c.; ⅛-oz., \$2.00.

Chabaud's Giant Mixed Everblooming *Enfant DeNice*. This new strain is magnificent and so far is the last word in annual carnations. About 90% of the plants come double. Seed sown in January or February will bloom in July and continue to bloom throughout the winter if potted and grown cool. Per pkt., 15c.; ¼-oz., \$2.00.



Carnation, Chabaud's New Everblooming

Castor Oil Bean

(*See Ricinus*)

Celosia or Cockscomb

A very desirable and showy plant, producing large combs or plumes of crimson or yellow flowers. The "*Cristata*" sorts are the well-known Cockscombs.

Cristata, the True Cockscomb

Royal Velvet. New type for cutting and garden use; numerous rich crimson combs erect on 1½ to 2 ft. stems. Received Award of Merit A. A. S. for 1939. Pkt., 25c.; ⅛-oz., \$1.50.

Golden Beauty. Dwarf Golden Yellow. Per pkt., 10c.; ⅛-oz., \$1.00.



Centaurea Cyanus

President Thiers. One of the most dwarf of all the Cockscombs, bearing large crimson combs. Per pkt., 10c.; ⅛-oz., \$1.00.

Bright Rose Dwarf. Per pkt., 10c.; ⅛-oz., \$1.00.

Mixed *Cristata*. Choice dwarf stock. Including many colors. Per pkt., 10c.; ⅛-oz., 75c.

Plumosa or Feathered Cockscomb

Plants surmounted with long, feathery plumes; exceedingly handsome; height, 2½ to 3 feet.

Thompsoni Crimson. Producing graceful feathery flower spikes, which resemble ostrich plumes. Splendid crimson; foliage bronze green. Per pkt., 10c.; oz., \$1.00.

Thompsoni Golden Improved. Golden plume, similar to above except in color. Per pkt., 10c.; oz., \$1.00.

Childsii or Chinese Wool Flower. Different from the ordinary plumosa in that plume is more like a tuft of wool, geranium red, the size of a goose egg. Very ornamental and fine for bedding. Height, 2 feet. Per pkt., 10c.; oz., \$2.00.

Cornflower *Centaurea Cyanus*

Under this heading we have the well-known Cornflower Blue Bottle, Ragged Sailor or Bachelor's Buttons.

Jubilee Gem. This new dwarf variety received Award of Merit for 1937. We believe it will be very popular and valuable in the border and for cut flowers, growing only 12 inches tall and literally covered with vivid blue double flowers. May be sown in fall for spring flowering, in spring for summer flowering, or at intervals for a continuous supply. Per pkt., 15c.; ¼-oz., 60c.

Blue Boy. The finest stock of this favorite dark blue sort so much in demand for cutting Pkt. Oz.
 Special pkt., 25c. 10c. 60c.
Pinkie. New, very double (deep pink) 10c. 60c.
Red Boy. New, very double (deep red) 10c. 60c.
Maroon. (Black Boy) 10c. 60c.
Snow Man. Improved white 10c. 60c.
Mixed. Improved double
 Special pkt., 25c. 10c. 60c.

Giant Sweet Sultans*Centaurea Imperialis*

	Pkt.	Oz.
Amaranth Red	10c.	75c.
Deep Lavender. Very sweet scented..	10c.	75c.
Pure White. Best for cutting	10c.	75c.
Finest Mixed Colors	10c.	75c.

Centaurea**White-Leaved or Dusty Miller Varieties**

Valuable plants for ribbon bedding, the silvery whiteness of the leaves being very effective with other colored-leaved plants.

Gymnocarpa. Graceful, fine-cut, silvery white foliage. 1½ feet. Per pkt., 10c.; oz., 50c.

Candidissima. Silvery, broad-cut leaves. Per pkt., 10c.; oz., \$2.50.

Cheiranthus Allionii*(Siberian Wall Flower)*

Biennial, best treated as an annual. Sow in Spring for Summer-flowering, or Fall for early Spring.

Brilliant Orange. Height, 12 in. Per pkt., 10c.; oz., 40c.

Golden Bedder. (New). Its fine deep golden-yellow color will blend easily with many more subjects than the orange. Per pkt., 10c.; oz., 50c.

Cineraria

A magnificent greenhouse plant having a range and brightness of color seldom equalled. Sow seeds from May to July.

Cremer's Prize Strain. Excellent free-blooming strain. Flowers larger than multiflora, plant compact, leaves small. Per pkt., 50c.; special pkt., 1,000 seeds, \$2.25.

Grandiflora James's Exhibition Strain. Per pkt., 50c.; ½-oz., \$5.50.

**Annual Chrysanthemums**

Feltham Beauty. A great improvement on the old Stellata class. Attractive colors, mostly with white center. Per pkt., 35c.; ½-oz., \$2.75.

Maritima Diamond. (Dusty Miller). Silvery foliage. Fine for bedding, edging and ribbon planting. Per pkt., 10c.; oz., 75c.

Chrysanthemums**ANNUAL VARIETIES (Painted Daisy)**

Very showy and effective garden plants, extensively grown for cut flowers. The hardy annuals are summer flowering border plants, and distinct from the autumn flowering varieties.

Burridgeanum. Single carinatum. White petals with zone of rich, brownish red and inner zone of yellow surrounding dark brown disc. Per pkt., 10c.; oz., 35c.

Gladstone. Large single carinatum; flowers rich velvety crimson. Per pkt., 10c.; oz., 35c.

Morning Star. Segatum. Pale primrose with zone of deeper yellow. Per pkt., 10c.; oz., 35c.

Carinatum Single Mixed. Per pkt., 5c.; oz., 35c.

Yellowstone. New double annual, sulphur yellow, excellent for cutting. Per pkt., 10c.; oz., \$1.00.

Carinatum Double Mixed. Valuable border plants providing abundance of fine double flowers for cutting during the summer; white and shades of yellow. Per pkt., 10c.; oz., 60c.

PERENNIAL VARIETIES

Japanese Hybrids. Semi-double and single flowered. The seed here offered has been saved from a choice early flowering strain. Seed grown in spring will flower by autumn. Per pkt., 25c.; ¼-oz., \$1.50.

Chrysanthemum Leucanthemum. (Maximum The Speaker Shasta Daisy). Large, single, pure white flowers, borne on long stems. Excellent for border and cutting. Per pkt., 10c.; oz., \$1.00.

Clarkia

Beautiful hardy annuals from California, with rose-colored, white and purple flowers, in delicate but very brilliant shades. The plants are about eighteen inches high and profuse bloomers.

Mixed Double. Per pkt., 10c.; oz., 85c.

Albatross. (New). Compact, upright plant; pure white; double. Per pkt., 10c.; oz., \$1.00.

Cleome*The Giant Spider Plant*

Seed sown in May will commence blossoming July 1st, and continue until frost, making a striking appearance in the border or in masses; color rosy carmine. The stamens are several inches long, which gives it the name of Spider Flower. Four feet.

Gigantea Rose Queen. Per pkt., 10c.; oz., 60c.

Cobaea

A beautiful, rapid-growing, climbing plant; large, handsome, bell-shaped flowers. Sow early and plant out about June. In sowing, plant the seeds edgewise, cover lightly.

Scandens. Violet. Per pkt., 10c.; oz., 75c.

Cockscomb (See Celosia)**Coleus**

A distinctive foliage plant, with large, brilliantly colored leaves, ranging through shades of scarlet, yellow, green and variegated markings. Sow early in spring.

Large-Leaved Extra Choice. Saved from finest richly colored plants of extra choice strain. Per pkt., 25c.; ¼-oz., \$1.00.

Columbine (See Aquilegia)

Convolvulus Morning Glory

Major. Free flowering climber, succeeds in almost any situation. Height, fifteen feet. Fine mixed. Per pkt., 5c.; oz., 15c.; lb., \$1.25.

Tricolor Minor. "Brush Morning Glories," grow only about one foot high. Per pkt., 5c.; oz., 25c.

Coreopsis

Coreopsis. (See also Calliopsis). This is a fine hardy plant with large, bright yellow flowers, produced in abundance from June until frost. Valuable as a cut flower, having long stems and keeping in good condition some time. Easily grown from seed, flowering the first year, if sown early.

Lanceolata Gd. fl. Mayfield Giant. Per pkt., 10c.; oz., 75c.

Sunburst Gd. fl. pl. New improved double; an excellent cut flower. Per pkt., 10c.; oz., \$1.25.

Cosmos

Cosmos are among the finest of annuals for garden and table decoration. The flowers are borne profusely on long stems. Seed should be sown early in the spring and the plants transplanted in the open border when danger from frost is past.



Cosmos, Early Sensation

The Early Large Flowering strains are much improved over the old sort; not only larger, but beginning to flower early in July and continuing until cut off by frost.

Cosmos Early Sensation, Mixed. New extra early flowering, Pink, White and Crimson flowers, much larger and superior to all other early flowering Cosmos. Pkt., 10c.; special pkt., 25c.; oz., 75c.

	Pkt.	Oz.
Early Large Flowering Pink	10c.	50c.
Early Large Flowering White	10c.	50c.
Early Large Flowering Crimson	10c.	50c.
Early Large Flowering Mixed, special pkt., 25c.	10c.	50c.

Pink Lady Lenox. Considered the finest of all late Cosmos. Flowers of gigantic size, some ranging 4½ inches across. Color is a beautiful shell pink. Per pkt., 10c.; oz., 35c.

White Lady Lenox. This is the same in all respects, except color, as the famous Pink Lady Lenox. Per pkt., 10c.; oz., 35c.

Giant Crimson. Per pkt., 10c.; oz., 35c.

Giant Late Flowering Mixed. Per pkt., 10c.; special pkt., 25c.; oz., 35c.

Klondyke Orange Flare. (Blooms in 4 months from seed). Orange flare has vivid orange flowers on long wiry stems and attractive light-green foliage. Per pkt., 10c.; oz., 75c.

Double Crested Mixed. (Anemone Flowered). Early flowering strain. Sometimes called double. These have double centers with rows of petals around base. Very effective, colors pink, crimson and white. Per pkt., 15c.; oz., \$2.50.

Cyclamen

A genus of the most beautiful and elegant winter and spring blooming plants for pot culture. If sown early in spring under glass, will make flowering bulbs in one year.

Giganteum. Extra fine strain. Flowers of an extraordinary size, broad petals and stout flower stalks. Per pkt., 25c.; ¼-oz., \$3.75.

Cynoglossum

Chinese Forget-Me-Not

Grown as an Annual. Flowers beautiful deep blue. Grows easily and blooms over a long season.

Amabile Blue. Per pkt., 10c.; oz., 35c.

Firmament. A new improved dwarf compact blue variety. Per pkt., 20c.; ¼-oz., \$1.00.

Cypress Vine

A clinging plant with very delicate, fern-like foliage, and masses of beautiful, star-shaped flowers, borne in clusters. Half-hardy annual.

White, Scarlet, or Mixed. Per pkt., 10c.; oz., 40c.

Dahlia

One of our best autumn flowering plants, blooming until killed by frost; tuberous rooted, half hardy perennials. It is interesting and easy to produce new dahlias from seed. They bloom the first year if seed is sown early. Protect the roots during winter in a dry cellar in peat moss or sand.

Large Flowering. Finest mixed, unrivalled quality. Decorative and show varieties. Saved from named varieties. Per pkt., 25c.; ⅛-oz., \$2.00.

Cactus. Double mixed. Saved from very choice stock. Large variety, with curled and pointed petals. Per pkt., 25c.; ⅛-oz., \$2.00.

Small Flowering Pompon (Bouquet or Lilliputian). Saved from choice double flowers; mixed colors. Per pkt., 25c.; ⅛-oz., \$2.50.

Single Mixed. Giant Perfection. Very fine; large showy flowers. Per pkt., 10c.; oz., \$1.00.

Unwin's Dwarf Hybrids. A splendid new class of semi-double Dahlias. The plants are of neat, compact habit, averaging 18 to 24 inches high, carrying the flowers of varied colors on good stems well above the foliage. Extremely attractive and easily grown from seed; blooms in four months. New improved strain. Per pkt., 25c.; ⅛-oz., 75c.

Datura *Angel's Trumpet*

Robust ornamental annuals, with large and showy flowers, 2 to 3 feet high.

Double Golden. Deep yellow, delightfully fragrant. Per pkt., 10c.; oz., 50c.

Cornucopia. ("Horn of Plenty"). The flowers average 8 inches long by 5 across; French white inside, purple outside; delightfully fragrant; started early will flower from early summer until fall. Per pkt., 10c.; oz., 75c.

Delphinium

Hardy Perennial Larkspur

Seed may be sown any time from Spring till fall. Sow in fine soil, $\frac{1}{8}$ -in. deep. Seed germinates in about 15 days. Keep moist and shaded until well rooted. Seed sown early spring will give some bloom first year; be in prime the second year.

Hybrids. Platt's Special. For years a specialist has been selecting delphinium varieties for a mixture which would contain the most beautiful shades of color obtainable in a perfect blend. This includes Wrexham and Vanderbilt types that produce such magnificent spire-like spikes, from deepest blue through bright blue, mauve and pastel shades. We offer in following color groups: **Light Blue Shades, Deep Blue Shades, Mid-Blue Shades, Pastel Shades. All Shades Mixed.**

Each of above: per pkt., 25c.; $\frac{1}{4}$ -oz., \$1.25; any five pkts., \$1.00.



Delphinium Hybrids, Platt's Special

Pacific Giants. All shades. A new strain of giant flowered delphinium. The huge flowers are well spaced on strong, graceful stems. This strain is considerably mildew resistant and is now considered the "World's Best." Pkt., 50c.; $\frac{1}{8}$ -oz., \$2.50.

Belladonna Improved. This is called Everblooming Hardy larkspur; in addition is of the finest type, lovely light blue; height 3 ft. Per pkt., 25c.; $\frac{1}{4}$ -oz., \$1.75.

Bellamosum Improved. Deep blue, Belladonna type. Per pkt., 25c.; $\frac{1}{4}$ -oz., \$1.75.

Chinensis. Cambridge Blue. New. (Annual). Surpassing Belladonna in brilliancy; height 2 to 3 feet. A great cut flower. Per pkt., 25c.; $\frac{1}{4}$ -oz., \$1.00.



Dianthus Plumaris Double Mixed

Dianthus

This class of pinks are usually treated as hardy annuals. They flower early in summer and continue until frost; excellent for small beds or edging, flowering profusely. Hardy biennial.

Laciniatus Splendens. Flowers brilliant crimson with large white center, sweet scented borne profusely throughout most of the summer. Plant compact 6 to 8 inches. Per pkt., 10c.; $\frac{1}{4}$ -oz., 50c.

Chinensis Fl. Pl. (Chinese or Indian Pink). The double flowers are produced in great variety of colors; very free flowering. Mixed. 1 foot. Per pkt., 10c.; oz., 40c.

Diadematus Double Mixed. Double flowers, great variation of colors. Edges fringed. One foot. Per pkt., 10c.; special pkt., 25c.; oz., 75c.

Heddewigii. (Japanese Pink). Single, finest mixed. Per pkt., 10c.; oz., 60c.

Fireball. Double, brilliant scarlet. 1 foot. Per pkt., 10c.; oz., \$1.00.

Snowball. Double, fringed pure white. 1 foot. Per pkt., 10c.; oz., \$1.00.

HARDY PERENNIAL VARIETIES

Highly valued for beauty and fragrance of their flowers. These make splendid bushy plants, one to two feet high, for permanent beds and borders.

Plumaris (Grass Pink or Pheasant-eye Pink). A single hardy pink, having fringed edge, white flowers, with dark center. Per pkt., 10c.; oz., 50c.

Plumaris Fl. Pl. Mixed (Double Pheasant's Eye Pink). Spicy clove fragrance. Double fringed flowers of white, crimson or purple shades, spotted and variegated. Per pkt., 10c.; oz., \$1.50.

Semperflorens. (Everblooming Hardy Garden Pink). Very beautiful sweet scented, double, semi-double and single flowers. Per pkt., 10c.; oz., \$3.00.

Highland Hybrids. Immense variety of color, crimson, salmon, pink and white; very fragrant. Per pkt., 25c.; $\frac{1}{8}$ -oz., 75c.

Didiscus *Blue Lace Flower*

This beautiful annual came recently from Australia and has become very popular. Blooms profusely from July until frost. An excellent cut flower, preferring a cool, moist situation or partial shade. Per pkt., 10c.; special pkt., 25c.; oz., \$1.25.

Digitalis *Foxglove*

Ornamental plants of stately growth, bearing long spikes of large, showy flowers, running through shades of white, rose, yellow and purple. Fine for shrubberies and half-shady places. Hardy perennial.

Gloxiniaeflora Mixed. Long spikes with beautiful Gloxinia-like flowers. Per pkt., 10c.; oz., \$1.00.

The Shirley. Finest strain of digitalis yet introduced; giant spikes of finest colors. Per pkt., 10c.; special pkt., 25c.; oz., \$1.25.

Dimorphotheca *African Daisy*

Aurantiaca. Golden. Per pkt., 10c.; oz., \$1.25.

Aurantiaca Hybrids Mixed. Per pkt., 10c.; oz., \$1.25.

Edelweiss

Gnaphalium Leontopodium

The famous Edelweiss of the Alps. The flowers are star-shaped, of downy texture, and pure white, and are sought after as souvenirs. They retain their natural appearance for years. Per pkt., 10c.; 1/8-oz., \$1.00.

Eschscholtzia

California Poppy

An annual of easy culture. Seeds sown early will come into bloom in June and continue until frost.

Aurantiaca. Spreading type. Rich orange. True California Poppy. Award of Merit R. H. S. 1930. Per pkt., 10c.; oz., 30c.

Ballet Girl. Erect type. Rose carmine, outside; cream, inside. Per pkt., 10c.; oz., \$1.25.

Lovely. Erect type, rose pink, suffused salmon. Highly commended R. H. S. Per pkt., 10c.; oz., \$1.25.

Scarlet Beauty. Deep scarlet. Erect type. Per pkt., 10c.; oz., \$1.00.

The Geisha. Erect type. Inside petals brilliant gold, outside orange-crimson; petals fluted. Per pkt., 10c.; oz., \$1.00.

Hybrida Mixture. Erect type. Made up of new colors in Eschscholtzia, including soft pink, scarlet, chrome copper-red, claret and royal purple. Per pkt., 10c.; special pkt., 25c.; oz., 75c.

Hunemannia. Bush Eschscholtzia. One and one-half feet high, of bushy habit, has large buttercup yellow, poppy-like blossoms. Pkt., 10c.; oz., 75c.

Euphorbia

Marginata Variegata. (Snow on the Mountain). The leaves are light green and margined white. Per pkt., 10c.; oz., 40c.

Mexican Fire Plant, or Fire on the Mountain. In habit and appearance resembling the poinsettia. The plants grow 2 to 3 feet high, of branching, bush-like form, with glossy leaves, but about mid-summer become orange-scarlet, presenting a

striking and brilliant appearance. Per pkt., 10c.; oz., \$1.00.

Feverfew

Matricaria

Free-flowering plants, succeed in any garden soil; hardy annual, blooming the first season if sown early.

Alba Plenissima Double White. Seeds saved from fine double flowers. 18 inches high. Per pkt., 10c.; oz., \$1.00.

Forget-Me-Not

(See *Myosotis*)



Gaillardia—Grandiflora Dazzler

Gaillardia

Showy and universally admired annual, flowering the first year; among the gayest ornaments of summer flower beds.

Picta Indian Chief. New bronzy-red. Single annual. Per pkt., 10c.; special pkt., 25c.; oz., 75c.

Double Mixed. (Picta Lorenziana) Annual. A charming profuse flowering strain, withstands heat and drought, blooms until frost. Per pkt., 10c.; oz., 60c.

Single Mixed (Picta) Annual. Per pkt., 10c.; oz., 60c.

HARDY PERENNIAL VARIETIES

Grandiflora Dazzler. Golden yellow, maroon center. Per pkt., 10c.; oz., \$1.75.

Grandiflora Burgandy. Wine red on good stems, height 30 inches. Per pkt., 15c.; 1/4-oz., 75c.

Goblin. New, dwarf, compact, 15 inches; showy red, bordered yellow; flowers first year from seed sown early. Per pkt., 10c.; 1/4-oz., 75c.

Grandiflora Portola Hybrids. 2 1/2 feet. Varied with shades of red, tipped golden. Strong grower, compact habit, long stems. Pkt., 10c.; oz., \$1.25.

Geranium

Single Mixed Zonale. Including many varieties. Per pkt., 10c.; $\frac{1}{8}$ -oz., 75c.

Double Mixed Zonale. Saved from double and semi-double varieties. Per pkt., 25c.; $\frac{3}{8}$ -oz., \$1.50.

Pelargonium. (Lady Washington). Desirable plants for pot culture; the flowers are borne in clusters, are rich and beautifully marked. Per pkt., 50c.; $\frac{3}{8}$ -oz., \$3.00.

Gilia

Hardy annual, grows in almost any situation; profuse bloomers and fine for rockeries.

Tricolor Mixed. Per pkt., 10c.; oz., 35c.

Capitata. (Queen Ann's Thimble). Annual. Very pretty bright blue, thimble-shaped flowers in clusters. Height 18 in. Per pkt., 10c.; oz., 60c.

Globe Amaranth

"Bachelor's Buttons." Garden annuals, forming bushy plants about two feet high and bearing a great many flowers, purple, white, striped, etc.; very desirable "Everlastings."

Mixed Colors. Per pkt., 10c.; oz., 35c.

Godetia *Satin Flower*

Very showy annual. The improved, tall, double, grandiflora type. Grows $1\frac{1}{2}$ to 2 feet and produces fine long trusses. Excellent for cutting.

Godetia. Kelvedon Glory. New upright single. Deep glowing salmon-orange. Per pkt., 15c.; $\frac{1}{4}$ -oz., 65c.

Grandiflora Mixed. Tall double upright type. Per pkt., 10c.; oz., 60c.

Gourds

Ornamental class of rapid growing climbers. The fruit is of curious shapes, sizes and colors. All are hard shelled and will keep indefinitely.

Nest Egg. A capital nest egg. Produces fine white fruits, egg shaped. Per pkt., 10c.; oz., 30c.

Hercules' Club. Club shaped. Grows 4 feet in length. Per pkt., 10c.; oz., 30c.

Dipper. Used as a dipper. Pkt., 10c.; oz., 30c.

Sugar Trough. This variety grows to a large size. Per pkt., 10c.; oz., 30c.

Calabash or Pipe Gourd. Grown extensively for use in making pipes. Per pkt., 10c.; oz., 30c.

Fancy and Ornamental. Small mixed varieties. Per pkt., 5c.; oz., 25c.

Large Mixed. Large sized varieties. Per pkt., 5c.; oz., 25c.

Grasses—Ornamental

For winter decoration these are very beautiful and should be cut before they are thoroughly ripe. Transplant as soon as they can be handled. This will allow them to develop their character.

Agrostis Nebulosa. (Cloud Grass). Annual, 18 inches high. A graceful airy sort used in the border and bouquets. Per pkt., 10c.; oz., \$2.00.

Briza Maxima. (Quaking Grass). Annual, height 18 inches, for winter bouquets. Pkt., 10c.; oz., 50c.

Eragrostis Elegans. (Love Grass). Annual, 18 inches. Used for bouquets. Spikelets small and airy. Per pkt., 10c.; oz., 60c.

Eulalia. (Japonica Variegata). Hardy perennial, 6 feet. Long green leaves, cross striped white, fine for groups. Useful for bold effects. Per pkt., 10c.; oz., \$1.00.

Gynerium Argenteum. (Pampas Grass). Perennial with large silvery plumes. Height 6 feet. Per pkt., 10c.; oz., 75c.

Pennisetum Rueppelianum. (Fountain Grass). Perennial, but treat as annual. Graceful, deep green foliage, long purplish plumes. Sow in March inside and transplant in May to bloom in July. Old roots may be wintered over in cool house for Spring propagation. Allow 18 inches between plants. Per pkt., 10c.; oz., \$1.50.

Stipa Pennata. (Feather Grass). Perennial with silver-white plumes. Height 2 feet. Per pkt., 20c.; oz., \$3.75.

Gypsophila *Baby's Breath*

Delicate free-flowering plants covered with a profusion of fine star-shaped flowers.

Gypsophila Paniculata. Sprays of delicate little white flowers. Hardy, Perennial. Per pkt., 10c.; oz., 50c.

Paniculata Alba Double. New, snow white, fine for cutting, lasts better than single. Per pkt., 25c.; $\frac{1}{8}$ -oz., \$1.25.

Pacifica Rose. Perennial, 3 to 4 feet, blooming first year if sown early. Flowers later than Paniculata. Excellent in bouquets. Per pkt., 20c.; $\frac{1}{8}$ -oz., 80c.

Grandiflora Alba. Annual. London Market. Improved large flowering. Pure white. Beautiful in combination with other flowers. Make several sowings to keep up supply through season. Per pkt., 10c.; special pkt., 25c.; oz., 30c.

Muralis. Small pink flowered, annual, (8 to 10 in.) for rock gardens and borders. Per pkt., 10c.; oz., \$1.00.



Godetia Tall Double Flowered

Helichrysum *Straw Flower*

Bright and attractive summer blooming annuals of free growth and producing in abundance large double red, white and yellow flowers; valuable as an "Everlasting." The following are new improved large double flowering.

	Pkt.	Oz.
Yellow Monstrosum	10c.	\$1.00
Fireball Monstrosum	10c.	1.00
Silvery Pink Monstrosum	10c.	1.00
Monstrosum Mixed Large Flowering,		
Double	special pkt., 25c.	10c. .75

Heliotrope

A half-hardy perennial, flowering during the whole season; deliciously fragrant and a splendid bedding plant. Seeds sown in the spring will make fine plants for summer blooming.

Regal. Dwarf, fine, improved variety. Large masses of bloom, all shades. Per pkt., 15c.; ¼-oz., \$1.25.

Marine. Deep violet-blue. The largest and finest umbels we have ever seen were grown from seed and surpassed those produced from cuttings. Per pkt., 15c.; ⅛-oz., 50c.

Lemoines' Large Flowering Mixed. All colors of the Giant type. Per pkt., 10c.; ¼-oz., 50c.

Helianthus or Sunflower

Tall growing plants, with large and showy yellow flowers. Hardy annuals.

SINGLE VARIETIES

Red Hybrids. 5 feet. Miniature type in various shades. Per pkt., 10c.; oz., 35c.

Stella. 5 feet. Improved miniature. Branching habit. Flowers from 3 inches in diameter with black centers. Per pkt., 10c.; oz., 35c.

Argyrophyllus. Plants usually 4 to 5 feet high, silvery foliage, flowers small, with dark centers. Per pkt., 10c.; oz., 35c.

Mammoth Russian. Grows 8 to 12 feet high, bearing single heads measuring from 15 to 18 inches in diameter. Per pkt., 5c.; oz., 10c.

DOUBLE VARIETIES

Chrysanthemum. Very fine double, golden yellow with fringed petals, 6 ft. Pkt., 10c.; oz., 35c.

Globosus Fistulosus. (Globe or Dahlia Sunflower). Flowers large rich saffron color. 6 ft. Per pkt., 10c.; oz., 45c.

Heuchera (Coral Bells)

Sanguinea. Excellent hardy perennial for rock gardens and cutting. Neat tuft of heart-shaped leaves; flowers in racemes on graceful stem. (18 inches). Per pkt., 25c.; ⅛-oz., \$1.50.

New Giant Hibiscus Marshmallow

Showy ornamental perennials, for mixed beds or shrubbery borders, having large-sized, beautifully colored flowers; blooms the first year if sown early. Height 5 to 8 feet.

Hybrids Mixed. A new race of large flowering hybrids including beautiful shades of reds, pinks, white, blush and rose. Per pkt., 10c.; oz., 75c.

Sunset or Golden Bowl. More tender than hybrids, best treated as an annual; start indoors in individual pots. The large flowers with maroon centers are very beautiful. Pkt., 10c.; oz., 75c.

Hyacinth Bean Dolichos

Annual climber, producing clustered spikes of purple and white flowers, followed by exceedingly ornamental seed pods.

Daylight. Large wistaria-like racemes of snow-white, sweet-scented flowers, followed by silvery white seed pods. Per pkt., 10c.; oz., 30c.

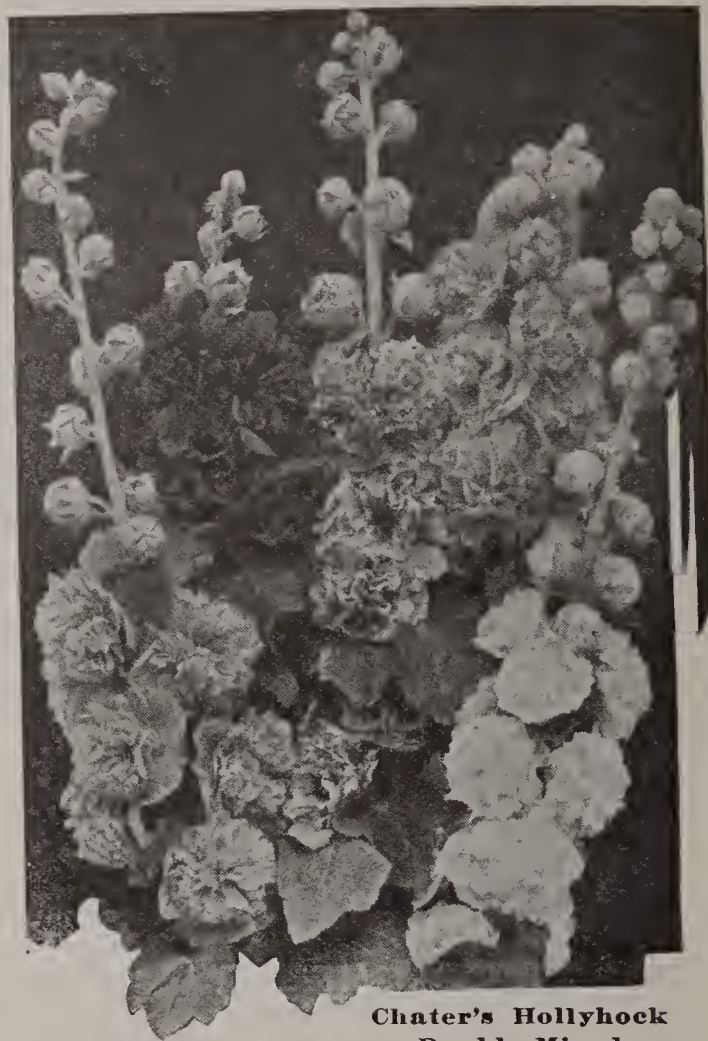
Darkness. Similar to above, except in color, which is a rich purple-violet. Pkt., 10c.; oz., 30c.

Lablab Mixer. Per pkt., 10c.; oz., 25c.

Hollyhock

For majestic growth and massive beauty the hollyhock stands unrivalled. Flowers very large, perfectly double, and of great variety of color.

Chater's Dark Crimson Pkt. ¼-oz. 10c. 50c.
Chater's Newport Pink 10c. 50c.



**Chater's Hollyhock
Double Mixed**

	Pkt.	¼-oz.
Chater's Salmon Rose	10c.	50c.
Chater's Sulphur Yellow	10c.	50c.
Chater's White	10c.	50c.

Extra Choice, Double Mixed

Chater's strain....special pkt., 25c. 10c. 40c.

Imperator. New Distinct type with double center rosette; the wide, outer petals are frilled and fringed. Assorted colors. Per pkt., 10c.; ¼-oz., 85c.

Triumph. A branching hollyhock growing 4 to 5 feet tall. Blooms 10 days ahead of Chater's. Double, fringed flowers in wide range of colors; many new shades. Per pkt., 15c.; ⅛-oz., 40c.

"Allegheny" Single Fringed Mixed. Mammoth flowers, wonderfully formed of loosely arranged fringed petals. Per pkt., 10c.; oz., 60c.

Indian Spring. This new annual Hollyhock flowers in about eighteen to twenty weeks from seed. The central stem, 5-6 feet, produces an attractive display of semi-double, bright rose and rosy carmine flowers, similar to the perennial, except as to season. Secondary shoots prolong the season of this useful annual. Received Silver Medal award 1939. Per pkt., 20c.; 3 pkts., 50c.; ¼-oz., \$1.00.

Honesty (Lunaria Biennis)

White flowers followed by silvery seed pods. (Peter's Penny). Popular for winter bouquets. Sow seed in fall or spring. Per pkt., 10c.; oz., \$1.00.

Humulus Japanese Hop

Japonica Variegated. A variegated variety with green and white leaves. A splendid annual climber. Per pkt., 10c.; oz., 75c.

Ice Plant

Suitable for rock work, hanging baskets, etc. Foliage thick, flowers frosted, wax-like.

Mesembryanthemum. Per pkt., 10c.; oz., 50c.

Impatiens

Holstii Hybrids. Strong, bushy plants, about 2 feet high; covered with flowers throughout the season. When grown as a pot plant they bloom the year round. Mixed. Per pkt., 15c.; ⅛-oz., \$1.00.

Ipomoea

Rapid and luxuriant summer climber, profuse in its blooms of large, beautiful flowers. Soak or notch seeds to help germination. Start inside or only in warm ground. A dry, sandy, sunny location promotes early flowering and less foliage. Fertilize sparingly or not at all.



Ipomoea Heavenly Blue, Improved

Scarlett O'Hara. New Gold Medal winner. See page 3. Per pkt., 25c. (25 seeds).

Heavenly Blue. (Improved). Early flowering. New superior strain. Flowers large (3½ to 4 in.), intense blue, lighter toward the center, freely produced and continue until frost. A notable character is that they remain open until late afternoon. Pkt., 10c.; special pkt., 25c.; ½-oz., 55c.; oz., \$1.00.

Bona Nox. (Evening Glory). Large, blue, fragrant flowers. Per pkt., 10c.; oz., 35c.

Grandiflora Alba. (Moon Flower). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. Grows very rapidly. Per pkt., 10c.; oz., 50c.

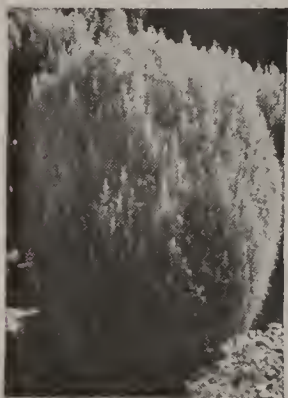
Imperial Japanese. Handsomest of all Morning Glories. The flowers are of gigantic size, and the coloring beyond description, ranging from snow-white to black purple. Mixed. Per pkt., 10c.; special pkt., 25c.; oz., 30c.

Quamoclit Hybrid. (Cardinal Climber). One of the finest annual climbers, 20 to 25 feet, flowers size of half-dollar, intense scarlet. Seed should be notched or soaked to aid germination. Per pkt., 15c.; oz., \$1.25.

Kenilworth Ivy

Linaria Cymbalerie

A violet flower, neat, hardy perennial trailing plant, suitable for baskets, vases and rock work. Per pkt., 10c.; ¼-oz., 75c.



Kochia

Kochia

Summer Cypress
(*Burning Bush*)

Childsii. An easily-grown annual with perfect symmetry. It is a lively green, but on the approach of autumn the whole plant becomes a bright scarlet, making in all a very desirable plant. During the summer it obtains a height of about three feet. Per pkt., 10c.; oz., 35c.

Kudzu Vine

Pueraria Thunbergiana

A twining vine of remarkably rapid growth, attaining a length of 40 to 50 feet in one season. Hardy, though the vine dies down every winter. Foliage large and lobed, purple, pea-shaped flowers in clusters. A fine vine for arbors, verandas, etc. Per pkt., 10c.; oz., 60c.

Lantana

A most desirable half-hardy, greenhouse or bedding plant, constantly in bloom, verbena-like heads of orange, white, rose and other colored flowers.

Finest Mixed. Dwarf, compact bedding hybrids. Per pkt., 10c.; oz., \$1.50.

Larkspur Annual

Delphinium

Beautiful, hardy annuals, producing dense spikes of flowers, which are very ornamental, either in the garden or when cut for vases. Set 10 inches apart. Sow seed either late fall or early spring. The new Imperial upright, base branching type is a great advance in Larkspurs.



New Giant Imperial Larkspurs

	Pkt.	Oz.
Blue Bell. New. Medium blue	10c.	\$1.25
Blue Spire. Deep Oxford Blue	10c.	1.25
Exquisite Pink Improved. Soft, pink-shaded salmon	10c.	1.25
Gloria. Deep rose with no trace of carmine. Better than Exquisite Rose.	10c.	1.25
Lilac Spire. A beautiful color	10c.	1.25
Peach Blossom. A real clear, light pink; no trace of salmon	10c.	1.25
White Spire. Dazzling pure white	10c.	1.25
Imperial Mixed Colors. Spec. pkt., 25c.	10c.	1.00

Lathyrus Everlasting Peas

Showy, free-flowering plant, very ornamental on trellis work. Blooms excellent for cutting. Hardy perennial, 5 to 6 feet.

	Pkt.	Oz.
Latifolius, White Pearl	10c.	85c.
Latifolius, Pink Beauty	10c.	85c.
Latifolius, Red	10c.	85c.
Mixed	10c.	50c.

Lavender Lavender Vera

Munsted Strain. Dwarf, compact, early flowering. Slender spikes of lavender flowers, very fragrant. Hardy perennial 1 ft. Pkt., 10c.; oz., \$3.00.

Linum *Flowering Flax*

A showy bedding plant of the flax family, having brilliant flowers of various colors, borne on slender stems, with fine foliage. Hardy annual.

Grandiflorum Rubrum. (Scarlet Flax). Annual; bright scarlet. Per pkt., 10c.; oz., 40c.

Grandiflorum Blue. Annual. Pkt., 10c.; oz., 35c.

Blue Perenne. Perennial. Bright blue. 24 in. Per pkt., 10c.; oz., 40c.

Lobelia

The following dwarf and trailing varieties of this popular and beautiful flowering plant are desirable for pot culture, edgings, hanging baskets, etc., blooming profusely from June to November. Half-hardy annual.

Gracilis. Light blue; nine inches, long slender, trailing stems. Per pkt., 10c.; ¼-oz., 40c.

Speciosa. Deep blue, dark foliage, trailing. Per pkt., 10c.; oz., \$2.00.

Crystal Palace. Compacta, 4 to 6 inches. Dark blue, fine for bedding. Per pkt., 10c.; ⅛-oz., 50c.

Emperor. Compacta, bright blue. Per pkt., 10c.; ¼-oz., \$1.00.

White Gem. Pure white. Pkt., 10c.; ¼-oz., \$1.00.

Tenuior Compacta Improved. Cobalt blue with white center.; Erect. (15 in.). Pkt., 10c.; ⅛-oz., 75c.

Lupinus

The King varieties are of a stately, robust growth, valuable for mixed flower and shrubby borders. A great advance over the old type. They prefer light shade and rich soil.

King Sky Blue. Annual. Pkt., 10c.; oz., 75c.

King White. Pkt., 10c.; oz., 75c.

King Giant Choice Mixed. New annual strain, 3 to 4 feet tall, Per pkt., 10c.; oz., 60c.

Downer's Hybrids. Hardy perennial variety, in fine range of colors, many new to Lupinus, flowering first year from seed. Per pkt., 10c.; special pkt., 25c.; oz., 50c.

Russell's Prize Mixture. A most interesting and remarkable introduction of perennial Lupinus, awarded Gold Medal R. H. S. 1937. Large spikes in great variety of new rich colors. Per pkt., 15c.; ¼-oz., 50c.

Lychnis

Viscaria Splendens. (Catchfly). Rosy Carmine. Fifteen inches. Per pkt., 10c.; oz., \$1.00.

Chalcedonica. Brilliant Orange-Scarlet, Maltese Cross (Jerusalem Cross), 2 to 3 feet. Per pkt., 10c.; oz., 85c.

Marigold

AFRICAN VARIETIES

A popular hardy annual of vigorous growth, producing a magnificent display of yellow, orange and maroon flowers.

Crown of Gold. Gold Medal A. A. Selections 1937. A bright golden-orange, chrysanthemum-like top surrounded by a collar of broad petals same color. Blooms early and profusely. Height 2 feet. Per pkt., 10c.; ¼-oz., 35c.

Gigantea Sunset Giants. A striking, new, giant-flowered Marigold from Mexico. Flowers 5 to 7 inches across, loosely but well filled to the center, having a sweet fragrance; commence flowering early. Plants 3½ to 4 feet. Pkt., 15c.; ¼-oz., 75c.

Guinea Gold. Distinct type. Plant base-branching, pyramidal growth, 2 to 2½ ft. Flowers 2 inches across, semi-double, beautiful rich golden on good stems; excellent for cutting or in border. Marigold odor is much less pronounced. Per pkt., 10c.; special pkt., 25c.; oz., \$1.00.



Marigold, Yellow Supreme

Yellow Supreme. A grand companion to Guinea Gold. A rich, creamy, lemon-yellow, carnation-flowered type; an excellent cut flower having good stems and holding well in water. Per pkt., 10c.; special pkt., 25c.; oz., \$1.00.

Early Sunrise. A new golden yellow early flowering variety from Canada of the Dixie Sunshine or Chrysanthemum Flowered type. Per pkt., 15c.; ¼-oz., 75c.

Orange Alldouble. Comes 95% true. This is a great advance over the old, now superseded, in which 50% double was considered good. Per pkt., 10c.; ¼-oz., 50c.

Lemon Alldouble. Like Orange Alldouble except color. Per pkt., 10c.; ¼-oz., 50c.

Large African. Alldouble, tall mixed, especially fine large quilled type, orange and lemon shades, 2 to 3 feet. Pkt., 10c.; special pkt., 25c.; oz., \$1.50.

Chrysanthemum Flowered Hybrids. (New). Consists of new and distinct types. Flowers all shades of yellow and orange, 2 to 4 inches in diameter. Plants 3 ft. Per pkt., 15c.; ¼-oz., 75c.

FRENCH VARIETIES

Josephine. Single brown and gold, long stems, fine for cutting, height 2 feet, late flowering. Per pkt., 10c.; oz., 50c.

Legion of Honor. A dwarf single variety. Blooms early and until late in the fall. Flowers rich golden yellow, marked velvety brown. Per pkt., 10c.; oz., 50c.

Golden Ball. Dwarf French. Monarch Strain. Very compact. Per pkt., 10c.; oz., 75c.

Robert Beist. Dwarf double. Dark maroon. Very rich color. Per pkt., 10c.; oz., 60c.

Harmony. New dwarf double. French variety. Maroon with a golden crest. Excellent cut flower. Per pkt., 10c.; special pkt., 25c.; oz., 85c.

Harmony Spotlight. A new much brighter Harmony; same early flowering habit but with larger and brighter lively yellow crested center of dainty tubular petals; a shade which contrasts beautifully with the rich mahogany guard petals. Per pkt., 20c.; 1/16 oz., 65c.

Dwarf Royal Scott Alldouble. (New. Received Special Mention for 1937). Rich mahogany and gold. Dwarf, uniform, bushy plants (12 inches). Per pkt., 15c.; ¼-oz., 75c.

French Dwarf Double Mixed. Monarch strain. Per pkt., 10c.; special pkt., 25c.; oz., 75c.

French Tall Double Mixed. A combination of the best varieties, including new sorts; excellent for cutting; height, 2 feet. Per pkt., 10c.; oz., 50c.

Golden Gem. (Tagetes Signata Pumila). Bushy plants, 1 ft., with numerous small, star-like, single golden flowers. Ideal for edging. Per pkt., 10c.; oz., \$1.25.

**Myosotis Royal Blue****Marvel of Peru***Four O'Clock*

Of branching habit, bearing hundreds of flowers white, yellow, crimson and violet; some combining two or more of these colors. Two feet.

Marvel of Peru, or Four O'Clock. Mixed. Per pkt., 5c.; oz., 25c.

Mignonette

A hardy annual, producing dense spikes of exceedingly fragrant flowers. If sown at intervals in spring and early summer will bloom until killed by frost. The machet types are continuous blooming.

Bismarck. An improved machet, long red spikes, delicious fragrance. Per pkt., 10c.; oz., \$1.00.

Ball's Forcing. A magnificent large florists' strain for greenhouse. Per pkt., 10c.; oz., \$2.00.

Machet Orange Queen. Large spikes, true machet type. Excellent variety for florists or general use. Per pkt., 10c.; oz., 75c.

Red Goliath. Immense spikes of double red flowers. Per pkt., 10c.; oz., \$1.00.

Machet White Pearl. Large spikes, the best white, very fragrant. Per pkt., 10c.; oz., \$1.00.

Mimosa Sensitive Plant

Pudica. Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken. One and one-half feet. Per pkt., 10c.; oz., 60c.

Mimulus Monkey Flower

Bushy plants one foot high. Flowers various shades of yellow, spotted and marked crimson.

Tigrinus. Gd. Mixed and spotted varieties. Per pkt., 10c.; 1/8-oz., 75c.

Moschatus. (Musk Plant). Foliage emits a strong musky perfume; flowers canary yellow. Per pkt., 10c.; 1/8-oz., \$1.25.

Mina

Lobata. Half-hardy, climbing annual. The buds are red, but turn to orange-yellow before they open. The flowers are of a creamy white. Per pkt., 15c.; oz., \$3.00.

Moon Flower (*See Ipomea*)**Momordica**

Annual climbers, with ornamental foliage, fruit golden yellow, warted, and when ripe, opens, showing the seeds and its brilliant carmine interior. Height, 10 to 15 feet.

	Pkt.	Oz.
Balsamina. Apple-shaped fruit	10c.	60c.
Charantia. Pear-shaped fruit	10c.	60c.

Morning Glory*(See Convolvulus and Ipomea)***Myosotis Forget-Me-Not**

A well-known plant, bearing clusters of star-like flowers, best adapted to moist situations, though growing in almost any soil. Half-hardy perennial. Sown early will flower same season. Sow in cold frames July or August for early spring blooms. The *Alpestris* and *Dissitiflora* flower in April, the *Palustris* in May and continue until fall.

Alpestris Royal Blue. Rich blue, with long stems. Height, 10 in. Per pkt., 10c.; oz., \$2.00.

Alpestris Victoria. Compact plant, 5 to 7 inches high, with large azure blue flowers in clusters. Per pkt., 10c.; oz., \$3.00.

Ruth Fischer. True Forget-Me-Not blue. Plant of compact, vigorous growth; exceptionally fine for pot culture or Spring bedding. Per pkt., 25c.; 1/8-oz., \$2.00.

Dissitiflora. Dwarf, compact, early, beautifully adapted to planting among spring flowering bulbs. Large flowering, dark blue, flowers in clusters, one of the best. Per pkt., 10c.; 1/8-oz., 75c.

Palustris Semperflorens. True marsh Forget-Me-Not. A dwarf forget-me-not, always in bloom. Blue, 6 to 8 inches. Per pkt., 10c.; 1/4-oz., 75c.

Nemophila

A charming class of dwarf-growing, free flowering hardy annuals of spreading habit, preferring partial shade and moist ground.

	Pkt.	Oz.
Insignis Blue (Baby Blue Eyes)	10c.	35c.

Nicotiana

Desirable plants of the tobacco family, valuable for their long duration and freedom of bloom. Half-hardy annuals.

Affinis. Flowers large, white, fragrant, and fully expanded in evening or cloudy days. Per pkt., 10c.; oz., 60c.

Sanderae Crimson King. Dark velvety crimson red. Per pkt., 10c.; oz., \$1.00.

Crimson Bedder. New dwarf type (15 inches), fine for bedding. Per pkt., 15c.; 1/8-oz., 50c.

Sanderae Hybrids. All shades. Per pkt., 10c.; oz., 75c.

Nigella *Love in a Mist, or Devil in a Bush*

A compact, free-flowering plant, with a finely cut foliage, curious flowers and seed pods. Hardy annual. One foot.

Miss Jekyll. A splendid variety with corn-flower blue blossoms; excellent for cutting. Per pkt., 10c.; oz., 35c.



Nasturtium—Double Golden Gleam

Nasturtium

Tropaeolum
Most Brilliant of Annuals

Nasturtiums are one of our most popular and brilliant annuals. The neat, ornamental foliage and bright flowers produced in profusion until cut by frost, makes them useful in any garden. Tall, as well as dwarf sorts, may be used for bedding. Dwarf named sorts best for edging because of uniformity. They will thrive in poor soil, requiring almost no care. Sow seed outside when ground is WARM. Since the introduction in 1933 of Golden Gleam Nasturtium, other colors have been added to this group of semi-double, free-flowering Nasturtiums that are equally beautiful and sweet-scented.

SEMI-DOUBLE NASTURTIIUM

Golden Gleam. A vigorous bush form throwing some 12 to 18 inch runners. Large, semi-double, golden yellow, fragrant flowers, profusely borne on erect, stiff stems six inches long above the foliage. When in full bloom the flowers almost hide the foliage. Flowers frequently come single but mostly with two extra petals; all petals more or less ruffled and giving the appearance of a double flower. Awarded Gold Medal in the All America Selections, 1933. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 45c.

SEMI-DOUBLE SWEET SCENTED SCARLET GLEAM

The flowers are a fiery orange-scarlet, (comparable to Scarlet Sage or Geraniums). The blooms are almost 3 inches across, semi-double, and the sweet fragrance pronounced. The contrast of the beautiful flowers above the lush-green leaves attracts the eye. Scarlet Gleam has been officially recognized by the Royal Horticultural Society in London for the most meritorious exhibit at Chelsea. At Oakland, California, the winner of its coveted Silver Medal for the outstanding introduction of the year, also received Gold Medal—All America Selections 1934. The plants are semi-dwarf, throwing short runners. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 45c.

SEMI-DOUBLE GLEAM HYBRIDS— FINEST MIXED

Received Award of Merit—A. A. S. for 1934. Gleam Hybrids. The flowers are well formed and delightfully sweet scented, and well above the foliage. The color range includes shades of salmon, golden yellow, orange-scarlet, cerise, cream yellow, maroon, orange, crimson, and gold-flushed scarlet. The growth of the plant is semi-dwarf, the same as other Gleam varieties. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 45c.

NEW DWARF SEMI-DOUBLE VARIETIES

Golden Globe. New, strictly dwarf and compact (9 to 12 inches), discovered as a sport in planting of Double Golden Gleam. Award of Merit A. A. S. for 1936. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.

Dwarf Double Gem Mixture. A new mixture developed to fill the demand for a more compact growing strain of the semi-double, sweet scented Nasturtium. Excellent color range. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.

DWARF SINGLE VARIETIES

Golden King. Pure bright yellow, dark leaved. Per pkt., 5c.; oz., 20c.

King Theodore. Deep maroon flowers and dark foliage. Per pkt., 5c.; oz., 20c.

Pearl. Creamy white. Per pkt., 5c.; oz., 20c.

Rose. Dark pink. Per pkt., 5c.; oz., 20c.

Dwarf Special Mixed. Fancy mixture of dark leaved varieties. All best colors, exceedingly attractive, well-blended. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.50.

TALL SINGLE VARIETIES

King Theodore. The deepest and richest dark crimson nasturtiums, having a soft, velvety texture. Per pkt., 5c.; oz., 20c.

Jupiter. Mammoth flowers; of a rich golden yellow. Per pkt., 5c.; oz., 20c.

Vesuvius. A desirable variety with flowers of a salmon rose. Per pkt., 5c.; oz., 20c.

Tall Varieties. Special mixture, extra choice, containing a wide variety of the finest in color and size. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.50.

Note—Nasturtiums are again very popular. Persons visiting the renowned Lake Placid and Saranac Lake district were amazed at the beauty and effectiveness of the Nasturtium used so extensively. Our mixtures are specially prepared from best varieties only. Red Arrow or D-X Spray makes it easy to grow them without trouble from insects.



Platt's Superlative Pansy, (One-Half Actual Size)

Pansy

Heartsease

The pansy stands in a class by itself. It is a flower that everyone admires, even if only a small place to raise them. The pansy produces best results during the cool days of spring, and in a sandy loam thoroughly prepared and supplied with well-rotted manure. To assist germination by retaining moisture, cover the seed bed with sheeting or single burlap, removing as soon as seedlings begin to appear. From this time on it is important never to let the soil become dry; to do so is fatal; keep moist but not soaking wet. For early spring flowers, sow seed in August and protect during the winter.

Pansies in Mixtures

Platt's Superlative Mixed. This is a very rich mixture of giant long-stemmed pansies, early and free blooming, containing the choicest sorts grown by foremost specialists. It has a very wide variation of colors, including new velvet-like red and gold shades, also ruffled types. The plant is of strong, compact growth. To those wishing extra quality we can highly recommend it is one of the finest obtainable. Per pkt., 25c.; $\frac{1}{8}$ -oz., \$1.75; oz., \$12.00.

Roggli or Swiss Giants. Very attractive, unusual colors, many heretofore unknown in pansies. This pansy is so outstanding in its size and magnificent colors that it has created a sensation wherever shown. Where commercial growers have introduced it, the ordinary pansies are a thing of the past. In several instances, the demand for plants exceed the supply, at good prices, while other pansy plants could not be sold even at a sacrifice. Per pkt., 25c.; $\frac{1}{8}$ -oz., \$1.00; oz., \$7.00.

Masterpiece. A distinct type of large size, having undulated petals, making it appear double. Mixed colors. Per pkt., 25c.; oz., \$4.50.

Madame Perret. A fine large strain, producing mostly flowers of rose, ruby and wine shades on white ground. Per pkt., 15c.; oz., \$3.00.

Parisian. Trimardeau type. Many beautiful shades and colorings. Mostly large blotched. Per pkt., 15c.; oz., \$3.00.

Orchid Flowered. A distinct and beautiful strain of Pansy, having delicate tints and soft shades of colors. Per pkt., 10c.; oz., \$3.00.

Trimardeau Mixed, or Giant Pansies. Are very much improved in every respect over the older sorts of the same name. Of strong, robust growth, well-formed flowers, moderately large size and great variety of colors. Per pkt., 10c.; oz., \$1.50; $\frac{1}{4}$ -lb., \$5.00.

Fine Bedding Mixed. Consisting of a good variety of colors, though not large flowered as above, inclined to be more free flowering. Per pkt., 10c.; oz., \$1.00; $\frac{1}{4}$ -lb., \$3.50.

Separate Colors

Coronation Gold. Award of Merit 1938 All America Selections. The largest and finest golden yellow pansy to date, lightly ruffled edges; mild spicy scent. Per pkt., 25c.; $\frac{1}{8}$ -oz., \$1.50.

Roggli Alpenglöw. (Swiss Giant). Cardinal shades. Very beautiful, new and striking addition to pansy colors. Per pkt., 25c.; $\frac{1}{8}$ -oz., \$1.00.

Roggli Golden Yellow. A new addition to the Swiss Giant group. Per pkt., 25c.; $\frac{1}{8}$ -oz., \$1.00.

Roggli Lake of Thun. (Swiss Giant). Solid deep blue, magnificent; the finest of all blue pansies. Per pkt., 25c.; $\frac{1}{8}$ -oz., \$1.00.

Lord Beaconsfield. Giant Trimardeau. Deep purple-violet, shading to white on the upper petals; very effective. Per pkt., 10c.; oz., \$2.50.

King of the Blacks. Giant Trimardeau. Almost coal black. Per pkt., 10c.; oz., \$2.50.

Emperor. Cornflower blue. Per pkt., 10c.; oz., \$2.50.

Peacock Blue. Blue and violet with white edge. Per pkt., 10c.; oz., \$2.50.

Light Blue. Giant Trimardeau. Beautiful sky blue. Per pkt., 10c.; oz., \$2.50.

Golden Queen. Giant Trimardeau. Large, deep golden with dark eye. Per pkt., 10c.; oz., \$2.50.

Snow Flake. Giant Trimardeau. Pure satiny-white; very fine. Per pkt., 10c.; oz., \$2.50.

Passiflora

Passion Flower

Handsome climbing plants for the greenhouse bearing a profusion of attractive, sky-blue flowers.

Coerula. Blue. Per pkt., 15c.; oz., \$2.00.

Pentstemon

Sensation Improved French Hybrids. Per pkt., 15c.; $\frac{1}{8}$ -oz., 85c.



Platt's Superb Large-Flowering

Petunia

The brilliancy and variety of its colors, combined with the duration of its blooming period render it invaluable. The plants are of easy culture and thrive well in any good garden soil.

All Double Mixed. Large-flowering, fringed; the finest strain obtainable. Double petunias do not ordinarily come true from seed. This strain will produce practically 100% double flowering plants, which is a remarkable achievement. Per pkt., 50c.; $\frac{1}{4}$ -oz., \$9.00.

Platt's Superb Large-flowering. Single ruffled and fringed giants saved from finest flowers; of very large size, deep-throated and of varied brilliant colors. Per pkt., 25c.; $\frac{1}{8}$ -oz., \$5.00.

Dwarf California Giants. Giant flowers with very large open attractive throats, many beautifully veined. Colors include light and dark shades. Plant dwarf and compact. Per pkt., 25c.; $\frac{1}{8}$ -oz., \$6.00.

Theodosia. Largest fringed, soft rose pink. Sulphur yellow in throat. Per pkt., 25c.; $\frac{1}{8}$ -oz., \$7.00.

Romany Lass. Large fringed flower. Deep crimson, darker throat. Per pkt., 25c.; $\frac{3}{8}$ -oz., \$4.50.

Elk's Pride. Richest royal purple, plain edged, medium size. A wonderful porch box plant. Per pkt., 25c.; $\frac{1}{8}$ -oz., \$4.00.

Snowstorm. New gigantic, pure white, plant semi-dwarf. Per pkt., 25c.; $\frac{3}{8}$ -oz., \$5.00.

Velvet Ball. Large, wavy flower, deep ox-blood red on dwarf compact plants. Pkt., 25c.; $\frac{3}{8}$ -oz., \$1.85.

Balcony Blue. Rich velvety blue. Per pkt., 15c.; $\frac{1}{8}$ -oz., \$1.00.

Balcony Rose. Rose pink. Pkt., 15c.; $\frac{1}{8}$ -oz., 75c.

Balcony White. Splendid large-flowered type for window boxes or baskets. Pkt., 15c.; $\frac{1}{8}$ -oz., 75c.

Glow. A dwarf, compact variety, medium sized flowers, bright red-rose with lighter throat. Extremely bright and free blooming. Received A. A. Silver Medal 1939. Per pkt., 25c.; $\frac{1}{4}$ -oz., \$1.50.

Cream Star. Distinct new color. Plant type same as Glow. See page 3. Pkts., 25c. each.

Hollywood Star. Received Silver Medal 1939 All America Selections. Lovely new Petunia, rich rose with an amber throat. Hollywood Star is unique, its flowers are five pointed, star shaped. Early and free blooming. Per pkt., 20c.; $\frac{1}{8}$ -oz., \$1.00.

Topaz Rose. Improved brilliant rose pink with topaz throat. Does not fade in sun. Plants 15 inches with two-inch nicely lobed flowers. Received special mention All America Selection 1938. Per pkt., 15c.; special pkt., 25c.; $\frac{1}{8}$ -oz., 85c.

Lace Veil. Compacta. Magnificent, large, glistening-white, fringed flowers produced freely on neat, compact plants. 12 inches high. Ideal for edging, borders or pots. Per pkt., 25c.; $\frac{1}{4}$ -oz., \$2.00.

Setting Sun. Large-flowered, fringed Petunia of dwarf, compact plant habit. 12 inches high. A grand companion to Lace Veil. Color a brilliant rose-pink. Per pkt., 25c.; $\frac{1}{4}$ -oz., \$2.00.

Salmon Supreme. Beautiful new color in petunias. Flowers $1\frac{1}{2}$ inches on 12-inch bushy plants. Received highest award All America Selections 1938. Per pkt., 25c.; $\frac{1}{8}$ -oz., \$3.00.

Rosy Morn. Compact plants, height 1 ft. Bright rosy pink, white throat, beautiful free bloomer; the most popular, small-flowered, bedding Petunia. Per pkt., 10c.; special pkt., 25c.; oz., \$3.00.

Celestial Rose. Lovely bright rose. A great improvement on Rose of Heaven. Height 12 inches. Per pkt., 15c.; $\frac{1}{8}$ -oz., 75c.

Silver Blue. Light blue, medium sized flowers; same compact plant type as Rosy Morn and very beautiful in effect planted with it. Per pkt., 10c.; special pkt., 25c.; oz., \$6.00.

Blue Bedder. (Hybrida Nana Erecta). Height, 12 inches. Medium blue, deeper than Silver Blue. Per pkt., 10c.; oz., \$3.00.

Violacea. Rich violet; compact plant, 12 inches. Per pkt., 10c.; oz., \$4.00.

Snowball. Pure white flowers, on compact plants, height 1 ft. Very fine. Per pkt., 10c.; oz., \$3.00.

Hybrida Compacta Mixed. Very rich, especially prepared, free blooming mixture of the medium size flowered type, for bedding, height 1 ft. Per pkt., 10c.; special pkt., 25c.; oz., \$2.25.

Phlox

This splendid genus of plants is unrivaled for richness of color, profusion of blossoms, length of duration in bloom, and whether in clumps or masses, looks equally beautiful.

Grandiflora

Those of the Grandiflora type are the largest flowered and grow about 15 inches high.

Alba, pure white.

Vivid Crimson.

Brilliant Rose.

Violacea Alba-Oculata.

Chamois Rose.

Large Yellow.

Each per pkt., 10c.; oz., \$1.50.

Grandiflora Splendid Mixed. Includes all of the above and many other shades and colors. Per pkt., 10c.; special pkt., 25c.; oz., \$1.00.

Gigantea Salmon Glory. An outstanding achievement in annual giant flowered phlox; salmon pink with creamy white eye. A beautiful color combination. Received Silver Medal A. A. S. Selections for 1939. Per pkt., 20c.; $\frac{1}{8}$ -oz., 85c.

Gigantea Art Shades. Very large flowered. Height 15 inches. Winner Award of Merit A. A. 1935. Per pkt., 10c.; $\frac{1}{4}$ -oz., 85c.

Star of Quedlinburgh. Star-shaped Phlox of dwarf habit, with very pretty flowers, mixed colors. Per pkt., 10c.; oz., \$1.25.

Dwarf Phlox

Phlox Drummondii Nana Compacta

These are the best for ribbon bedding or borders. The plants grow very symmetrically in neat little bushes about eight inches high; covered with flowers during the whole summer and fall.

	Pkt.	Oz.
Snowball. Pure white	10c.	\$2.50
Fireball. Glowing brilliant scarlet	10c.	2.50
Chamois Rose. Shell pink	10c.	2.50
Dwarf Phlox. Mixed	10c.	2.50

Hardy Perennial Phlox. New hybrids. Height 3 to $3\frac{1}{2}$ ft. Hardy phlox seed should be sown soon after harvest as possible. Seed germinates in spring and blossoms first year. Per pkt., 10c.; oz., \$1.75.

Poppies

Annual Poppies have a wonderful range of color from brightest scarlet to most delicate pink and white. Their exquisite crinkled silk-like texture is admired in the garden or as cut flowers. Sow thinly in early Spring where they are to remain.

American Legion, (Shirley). Brilliant orange scarlet, good size, borne on long, stout stems. Highly commended, R. H. S. Pkt., 10c.; oz., 40c.

Shirley Wild Rose Pink. Per pkt., 10c.; oz., 60c.

Shirley, Finest Mixed. A beautiful type and a great variety of colors, from pure white and delicate pink to deep crimson and beautifully striped. A most charming variety. Two feet. Per pkt., 10c.; special pkt., 25c.; oz., 35c.

Double Shirley. (Eldorado). Beautiful type double and semi-double flowers. Pkt., 10c.; oz., 50c.

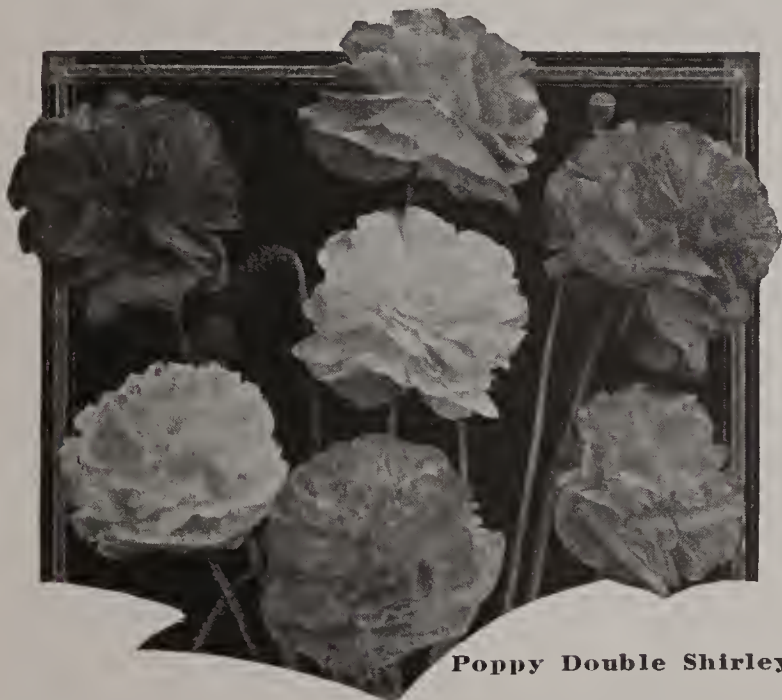
Sweet Briar. New double-begonia-flowered Shirley in popular wild-rose-pink shade. Per pkt., 10c.; oz., 60c.

Tulip Flowered. Brilliant scarlet flowers borne well above the foliage. The petals form a tulip-shaped cup. One foot. Per pkt., 10c.; oz., 75c.

The Bride. Pure white fringed. Per pkt., 10c.; oz., 35c.

Double Carnation Flowered. Finest Mixed. Three feet. Per pkt., 10c.; oz., 25c.

Paeony Flowered Shrimp Pink. Beautiful shade, fine in border or as cut flowers. Height three feet. Per pkt., 10c.; oz., 40c.



Poppy Double Shirley

HARDY PERENNIAL VARIETIES

Oriental Crimson. Beauty of Livermere. Deep crimson with black blotch, fine large flowers. Per pkt., 10c.; oz., \$2.50.

Oriental Mrs. Perry. Immense flowers of orange apricot. Best of the pink shades. Per pkt., 25c.; 1/8-oz., 75c.

Oriental The Feltham. A new departure in Oriental Poppies. A strain with nearly all the various shades of the type, but with no black blotches at the base of petals. Per pkt., 25c.; oz., \$3.75.

Oriental Hybrids, Mixed. A fine new mixture ranging from delicate salmon to deep crimson. Per pkt., 10c.; oz., \$1.50.

Nudicaule Coonara Pinks. A new outstanding strain with large flowers of lovely pink shades. Per pkt., 25c.; 1/8-oz., 75c.

Nudicaule Sanford's Giants, Mixed. New strain. (Iceland Poppy). If sown in March will flower the same year and thereafter throughout the entire season. The delicate and bright colors make them es-

pecially desirable as a border plant. Hardy perennial. One foot. Per pkt., 10c.; 1/8-oz., 75c.

Physalis Franchetii

Chinese Lantern Plant or Winter Cherry

Fruit is deep red in color, edible and enclosed in large, balloon-shaped husks of brilliant orange red. Popular for winter bouquets. Hardy perennial. Per pkt., 10c.; oz., \$1.50.

Portulaca

(Sunplant)

These brilliant and popular hardy annuals are of the easiest culture, luxuriant in an exposed sunny situation, and producing throughout the summer a carpet of various colored flowers in the greatest profusion. Sow broadcast in May when ground is thoroughly warm.

Alba, Single. Clear white. Per pkt., 10c.; oz., 75c.

Rose. Coppery rose shades. Single. Per pkt., 10c.; oz., 75c.

Splendens. Single, crimson. Pkt., 10c.; oz., 75c.

Splendid Mixed Single. Per pkt., 10c.; special pkt., 25c.; oz., 60c.

Large Flowering, Double Mixed. Large percentage of flowers perfectly double, making a gorgeous display, remaining open all day. Per pkt., 10c.; special pkt., 25c.; oz., \$2.50.

Primula

Primula Chinensis

A beautiful flowering plant for winter or spring decorations in the home or conservatory; 1/2-oz. contains about 1,000 seeds. The following are now giant flowering, a wonderful advance on the old type.

Giant Pink. A most striking shade of delicate carmine pink. The finest of all giant fringed primulas; petals extremely large and of great substance. Per pkt., 35c.; 1/2-oz., \$5.00.

Queen Alexandra. The largest, fringed, white in existence; a grand advance on the old type. Per pkt., 35c.; 1/2-oz., \$5.00.

Excelsior Giant Mixed. A magnificent strain of the giant fringed primula, includes the new and finest procurable. Per pkt., 35c.; 1/2-oz., \$5.00.

PRIMULA MALACOIDES

Pink Beauty. A graceful type of primula for conservatory or house decoration. Numerous flower spikes in bloom over a long season are borne well above the mat foliage. Pink Beauty is one of the most beautiful in this class; rose pink with rich cream colored eye. Award of Merit R. H. S. Per pkt., 35c.; 1/2-oz., \$2.00.

PRIMULA OBCONICA

The greatly improved form of this splendid plant makes it invaluable for pot culture. The many tall, stout stems bear large clusters of flowers well above the neat, ornamental foliage. Plant from seed sown early in the year commence flowering in Autumn and continue throughout the Winter. A temperature around 60 degrees seems to suit them best. In growing seedlings avoid peat or leaf-mold.

Obconica Gigantea. Chenie's Giant Hybrids. A new very fine, large flowered strain. Per pkt., 25c.; 1/2-oz., \$3.00.

Polyanthus

Primula Elatior

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials. Give slight winter protection. Nine inches.

Polyanthus, English. An extra choice strain bedding hybrids. Per pkt., 25c.; 1/8-oz., \$1.25.

**Salpiglossis**

Hardy Primroses

These are among the best of the early spring blooming plants. With a slight protection they will stand the winter, but do better if protected by a cold frame.

Primula Japonica. (Japanese Primrose). Mixed colors. Bright and showy flowers, borne in whorls on stems six to nine inches long. Per pkt., 25c.; oz., \$3.50.

Primula Auricula. Large flowering choice strain, cream white to golden yellow and palest mauve to the deepest purple. Sweet scented. Per pkt., 25c.; 1/8-oz., 75c.

Pyrethrum

Handsome herbaceous plants of easy culture. *P. Aureum* is the well-known Golden Feather, so much used for carpet bedding, edging, etc. From the flowers of *P. Roseum* is obtained the Persian insect powder. *P. Hybridum* and varieties are among the handsomest of hardy flowering herbaceous plants.

Aureum. (Golden Feather). Dwarf compact form. Bright yellow foliage. Per pkt., 10c.; 1/2-oz., 50c.

Hybridum Grandiflorum. Large-flowering, single mixed. Hardy perennial, ranging in color from light pink to deep red, with bright yellow centers. Per pkt., 10c.; oz., \$3.50.

Hybridum Double Mixed. Saved from a very choice collection. Per pkt., 25c.; 1/8-oz., \$1.25.

Rhodanthe

Swan River Everlasting

Garden annual, one foot high, flowering early and continuously. Flowers are mostly white and rose shades on long slender stems.

Mixed. White and rose shades. Per pkt., 10c.; oz., \$1.00.

Ricinus

Castor Oil Bean

Large, luxuriant, rapid-growing foliage, annual, with palm-like leaves; much used for sub-tropical effects on the lawn, or for centers of beds of foliage plants.

Borboniensis. Grows very large and rank; foliage green, 15 feet. Per pkt., 10c.; oz., 25c.

Red Spire. New, 6 feet. Attractive bronzy green foliage with rosy crimson seed spikes. Per pkt., 10c.; oz., 25c.

Gibsonii Mirabilis. Compact dwarf plants, 4 feet, very fine, red foliage and stems. Per pkt., 10c.; oz., 25c.

Zanzibarensis. Mixed. The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green, with reddish ribs; six to ten feet. Per pkt., 10c.; oz., 25c.

Rudbeckia Cone Flower

These robust-growing plants are fine free-flowering annuals. Of very easy culture.

Bicolor Superba. An annual variety; bright yellow with black-purple center. Pkt., 10c.; oz., \$1.00.

Newmanii. Perennial; grows two feet; large golden-yellow flowers, with velvety maroon center cone. Per pkt., 10c.; oz., \$2.00.

Salpiglossis

Annual, about 18 inches high, bearing throughout the season large flowers of many beautiful colors, all exquisitely veined and laced. Pkt. 1/4-oz.

Superbissima Purple with Gold 10c. 50c.

Superbissima Brown with Gold 10c. 50c.

Superbissima Brilliant Crimson 10c. 50c.

Superbissima Large Flowering Mixed
Special pkt., 25c. 10c. 40c.

Salvia Flowering Sage

Splendid ornamental plants for outdoor decorations, their beautiful spikes of brilliant scarlet flowers being produced in great profusion, from July until October. Half-hardy annual.

Salvia Harbinger. (12 inches). Very early, uniform, dwarf and compact. Pkt., 25c.; 1/8-oz., \$1.25.

America. (Globe of Fire). Very dwarf and uniform, the bushy plants are only 16 inches tall, with spikes in profusion rising ten inches above the plant; exceptionally valuable for beds, borders or edging. Per pkt., 15c.; oz., \$2.00.

Splendens "Bonfire." Grows in a compact bush, two feet high. Its erect spikes of flowers of brilliant scarlet stand clear above the dark green foliage and completely cover the plant. Per pkt., 10c.; oz., \$1.50.

Splendens. Scarlet, free bloomer, three feet tall, old favorite variety. Per pkt., 10c.; oz., \$1.25.

Farinacea Blue Bedder. Improved type, bright blue, long spikes on compact plant, 2 to 3 feet tall. Perennial, but best grown as an annual; fine for cutting or border; seed sown in open ground in May, blooming from July until frost. Per pkt., 10c.; 1/8-oz., 60c.

Patens. Deep blue, tender perennial, for greenhouse or border. Per pkt., 25c.; 1/8-oz., 75c.

Scabiosa Mourning Bride

Beautiful annuals with large double flowers on long stems; fine for cutting; various colors. Height 2 1/2 feet. They bloom from July until frost.

Imperial Giant Blue Moon. New Novelty. See page 3. Per pkt., 20c.; 1/8-oz., 60c.

Shasta. New large, pure white. Per pkt., 10c.; oz., 75c.

Azure Fairy. Lavender blue. Pkt., 10c.; oz., 75c.

Peach Blossom. New, very large. Per pkt., 10c.; oz., 75c.

Large Flowering Mixed. Per pkt., 10c.; special pkt., 25c.; oz., 50c.

New Giant Hybrids. Much improved flower form. Includes new rare colors. Per pkt., 10c.; oz., \$1.25.

Caucasica House's Hybrids. A new, improved strain with larger flowers and longer stems, colors range from light lavender to dark blue. The caucasica is a perennial; valuable in border and as a cut flower. Blooms June to September. Height, 24 inches. Per pkt., 25c.; 1/8-oz., 85c.

Columbaria Anthemifolia. Pink. This is a South African distinct form. A valuable addition to the perennial list. Flowers borne on long, strong but graceful stems. Valuable as a florists' cut flower. Height, 18 to 24 inches. Per pkt., 25c.; 1/4-oz., \$1.00.

Schizanthus

The Butterfly Flower

Free-flowering plants of easiest culture, bearing dainty orchid-shaped and beautifully marked flowers. Annual.

Grandiflorus Maximus. Badger's Hybrid. New splendid large flowering greenhouse strain, brilliant coloring, handsomely marked on white, buff or purple ground. Per pkt., 25c.; 1/4-oz., \$2.00.

Wisetonensis. A choice mixture of brilliant shades, excellent for potting or outdoor. Per pkt., 25c.; 1/4-oz., \$1.75.

Silene Catchfly

Annual, compact bushes, 6 inches high, densely covered with showy flowers of white, pink or red.

Armeria Mixed. Per pkt., 10c.; oz., 35c.

Smilax Myrsiphyllum

Of great value for inside decoration. Greenhouse climber clothed from base to summit with small glossy green leaves.

Smilax. Per pkt., 10c.; oz., \$1.00.

Stevia

Extensively used by florists. Beautifully effective with other cut flowers. The long but strong stems are branching and bear a multitude of fine white star-shaped flowers.

Serrata. Pure white and most desirable. Per pkt., 10c.; oz., \$2.50.

Solanum Christmas Cherry

An ornamental and interesting genus of fruit-bearing plants; for winter decoration; singularly bright in fruit and foliage.

Cleveland Red. (Hlavacek's Masterpiece). Improved compact type, bearing in profusion bright red berries. 1 foot. Per pkt., 10c.; oz., \$2.00.

Virginian Stock

Crimson Gem. Annual, compact, erect plant (6 to 8 inches); a gem for rock gardens or edging. Flowers early. Sow in Fall or Spring. Per pkt., 10c.; oz., \$1.00.

Stocks

Gilliflower. (Levkojen)

The free-blooming, fragrant and charming colors of the stock have brought it into great popularity both for summer and winter flowering. For beds and borders they are very effective, the blooms exceedingly useful for cutting. Our seed is produced by a specialist who has received several "Awards of Merit" from the Royal Horticultural Society. The high percentage of doubles is remarkable. Hardy annuals.



A Spike of Large-Flowering Stock

DOUBLE EARLY GIANT IMPERIAL STOCKS

An especially meritorious early-flowering class. Grows 2 to 2½ feet; branches freely, having numerous large fragrant spikes, with a high percentage of doubles. Sow seed in February or March for blooms outdoors from midsummer until frost. Sow during July to September for greenhouse, winter pot plants, or cutting.

	Pkt.	1/8-oz.
Buttercup	10c.	85c.
Flesh Pink	10c.	75c.
Lavender	10c.	75c.
Blood Red	10c.	75c.
Purple (Elk's Pride)	10c.	75c.
Shasta, Pure White	10c.	75c.
Giant Imperial Mixed	10c.	50c.

DOUBLE LARGE FLOWERED DWARF (Ten Weeks)

Height, 12-15 inches. Splendid early and free-blooming group; for outdoors sown in February or March they begin flowering in July, continuing until frost. They throw out numerous side branches bearing a high percentage of double, fragrant flowers. Those marked (*) have received award of merit from R. H. S.

	Pkt.	1/8-oz.
Canary Yellow	10c.	50c.
Crimson (Triumph)*	10c.	50c.
Flesh Pink*	10c.	50c.
Lavender*	10c.	50c.
Violet*	10c.	50c.
White. Early pure white*	10c.	50c.
Large Flowered Dwarf, Ten Weeks, Mixed	10c.	50c.

Stokesia

Cornflower Aster

This plant grows about 24 inches high, bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border, and indispensable for cutting. Per pkt., 10c.; 1/4-oz., 75c.

The Choicest Spencer Sweet Peas Waved Orchid-Flowered Varieties

New names of Spencer Sweet Peas are appearing so rapidly that to know them and what to select requires considerable time in experimental trials. Many of the sorts brought out only a few years ago have been dropped, while others are still unsurpassed. The newest are not always the best, and so this sifting process goes on each year. In this list below will be found a wide range of varieties, each having merits that make it worthy of a place in a list of the best Spencers. Our stock is grown with great care and has proved itself as fine quality as can be had.

Hints for successful growing of Sweet Peas

In Connecticut Sweet Peas must be sown early, usually March 15 to April 1, as they grow best during the cool, moist days of early Spring. Prepare a trench 18 to 24 inches deep, for good root development, in rich sandy loam, adding about five pounds each bone meal and pulverized sheep manure for a 25 foot row; lime if soil is acid. Fill and firm well to a level. Sow only one-half inch deep using 1 oz. seed to 25 foot row. Do not sow deep or in a depression as formerly recommended. It is a good plan to prepare trench in the Fall. Fall sowing about November 10, gives better and earlier plants where soil permits (a sandy loam well drained). If seeds should rot and need re-planting, it is an easy matter to resow in Spring. Plants grow stronger if not less than 6 inches apart. Bamboo stakes make good supports. Commence to tie early.

Ambition. A giant bright lavender of good form and stems.

Amethyst. Clear amethyst blue.

Ascot. A beautiful shade of lovely bright pink. Large and well waved.

Avalanche. The outstanding, pure glistening white. Well waved and good stout stems.

Colorado. Bright orange. The flowers are of great size and beautifully waved.

Excelsior. A fine, large, blazing orange-scarlet. Awarded certificate of merit.

Grand National. Flowers rich cream, beautifully waved on long stems.

Magnet. A deep cream pink. Immense size and beautiful form on strong stems.

Mrs. A. Searles. A beautiful, rich, salmon-cerise-pink. Does not burn.

Olympia. The best rich purple, a strong grower and takes place of Royal Purple.

Pinkie. Large deep rose-pink; better than Hercules or Hebe.

Rubicound. Rich deep crimson surpassing all other crimson sweet peas.

Sextet Queen. Mammoth white, of perfect Spencer form and great substance. Black seeded.

Susan. Blush-pink on cream.

The Cardinal. Bright glowing scarlet of finest form.

Warrior. Large rich velvety maroon, well shaped.

Prices on above named varieties: Pkt., 10c.; oz., 25c.; ¼-lb., 75c.; lb., \$2.50.

Special Mixed Spencer. Silver Gilt Medal Mixture. Extra choice. A carefully proportioned mixture of over 75 named varieties, including the best standard varieties, also newest worth while novelties of beautiful shades, making it a mixture that will surely please the most exacting. It is the finest obtainable, and incomparably better than seed grown as a mixture which can be sold for less than half our price.

Special Mixed Spencer. Pkt., 10c.; oz., 20c.; ¼-lb., 55c.; lb., \$1.75.



Spencer Avalanche

Sweet Peas—Continued

EARLY or WINTER FLOWERING
SPENCERS

This class is adapted to forcing under glass or outdoor growing. It embraces some of the finest varieties in cultivation. Coming into bloom four weeks earlier than regular Spencers.

Early Flowering Spencers are especially valuable for outdoor where hot weather season comes early, for by early sowing they will come into bloom during more favorable weather.

	Pkt.	Oz.
Ball Orange Improved. Glowing orange	10c.	50c.
Ball Rose Improved. Rich deep rose-pink	10c.	50c.
Florist Blue. Best clear blue	10c.	50c.
Hope. White, black seeded	10c.	50c.
Lavanda. New. Finest pure lavender.	10c.	50c.
Majestic Rose. Brilliant rose-pink ...	10c.	50c.
Mars. New magnificent ox-blood crimson	10c.	50c.
Shirley Temple. New. Soft rose pink, Finest of all	10c.	60c.
Early Choice Mixed. Blended from named best early flowering varieties. Per pkt., 10c.; oz., 30c.; ¼-lb., 90c.; lb., \$3.00.		

Sweet William

Dianthus Barbatus

Attractive, free-flowering hardy perennials, producing a splendid effect in beds and borders with their rich and varied flowers.

	Pkt.	Oz.
Single White	10c.	\$.60
Single Pink Beauty. (Newport Pink) ..	10c.	1.50
Scarlet Beauty. Rich deep scarlet	10c.	1.50
Single Nigrescens. Dark maroon	10c.	.60
Single Holborn Glory. A large-flowered strain of Auricula-eyed, beautiful colors all showing the white center	10c.	1.50
Single Mixed Giant...special pkt., 25c.	10c.	1.25
Double Mixed .....special pkt., 25c.	10c.	1.25
Annual. New sort, grows twelve inches tall. Seed sown early will flower in summer and continue for some time	10c.	1.50
Sweet Wivelsfield. New hardy annual in great variety of color for borders, cut flowers and rock gardens; obtained from a crossing of <i>Dianthus Allwoodii</i> and <i>Dianthus Barbatus</i> . Seed started late February will bloom from June to November; sown in spring, blooms in the late summer. May be sown from July to September to flower early in Spring. Per pkt., 10c.; ¼-oz., 50c.		

Thymus

Serpyllum. Wild Thyme for rock gardens and stepping stone walks. Per pkt., 15c.; ¼-oz., 75c.

Valerian *Garden Heliotrope*

An old-fashioned garden perennial bearing fragrant flowers of red or white. Pkt., 10c.; oz., \$1.00.

Verbena

A low-growing annual, profuse in its blooms, ranging from brilliant and startling colors to soft and delicate tints. The following is a magnificent new strain of the *Hybrida Grandiflora* Verbena with immense trusses and free flowering.

	Pkt.	Oz.
Mammoth White	10c.	\$2.50
Mammoth Rosea Stellata. Rose pink, white eye	10c.	2.50
Mammoth Lucifer. Scarlet	10c.	2.50
Mammoth Violacea Stellata. Deep violet, white eye	10c.	2.50
Beauty of Oxford. Hybrid (New). Clear pink. Per pkt., 15c.; ¼-oz., 60c.		
Lavender Glory. (New). Creamy white eye. Per pkt., 15c.; ¼-oz., 60c.		
Mammoth Choice Mixed. Improved type. Per pkt., 10c.; oz., \$2.00.		
Royal Bouquet. (New). Upright type; (15 inches), beautiful colors, fine for cutting. Per pkt., 15c.; ¼-oz., 60c.		



Verbena

Blue Sentinel. (10 inches). Upright Violet-blue. Per pkt., 20c.; ¼-oz., 60c.	
Carmine Bouquet. (Upright) 18 inches. Per pkt., 20c.; ¼-oz., 75c.	
Carmine Ball. Forms perfectly symmetrical plants, 8 in. high and 12 in. across, covered with bright carmine flowers. It is a continuous bloomer. Recommended for pots or borders. Per pkt., 15c.; ¼-oz., 60c.	

Vinca *Periwinkle or Old Maid*

Dark green foliage, handsome rose and white single flowers; very effective for beds and borders. Blooms continuously all summer from seed sown early in March. Half-hardy perennial.

	Pkt.	Oz.
Rosea Alba. White with rose center	10c.	\$1.00
Alba Pure. Pure white	10c.	1.00
Mixed	10c.	1.00

Viola

	Pkt.	¼-oz.
Apricot	25c.	\$1.00
Arkwright Ruby	25c.	.60
Jersey Gem. Deep blue	25c.	2.00
White Perfection	15c.	.40
Choice Mixed	15c.	.40

Wallflower

A well-known plant of the Gillyflower family, producing its rich orange or chocolate flowers in the spring, if protected in the house during the winter. Half-hardy perennial and annual.

	Pkt.	Oz.
Double. Finest mixed perennial	10c.	\$1.50
Paris Market. Early, single annual	10c.	.60
Early Wonder. New double annual	10c.	2.00

Mixed Flower Seed

The seeds we offer as mixed comprise a wide variety at a much lower price than could be sold in separate packets. Nearly every garden has a spot which could be used to good advantage and satisfaction, yielding a continuous show and supply for cutting.

	Pkt.	Oz.
Dwarf Mixed	5c.	25c.
Tall Mixed	5c.	25c.

Zinnias in variety from Dainty Cupids to Superb Giants



Zinnia—Fantasy

GOLD MEDAL DAHLIA FLOWERED (Originator's Stock)

Zinnias are now the most popular Annual in the world of gardening. This strain of Dahlia Flowered type received a Gold Medal and Award of Merit from the Royal Horticultural Society in London.

	Pkt.	Oz.
Canary Bird. Rich canary yellow	10c.	\$1.50
Crimson Monarch. By far the largest and best of the red shades	10c.	1.50
Dream. Deep lavender turning to purple	10c.	1.50
Exquisite. Light rose, center deeper rose	10c.	1.50
Oriole. An immense orange and gold bi-color	10c.	1.50
Polar Bear. A very large, pure white..	10c.	1.50
Dahlia Flowered Gold Medal Mixture. A well blended mixture of all the above and many others	Large pkt., 25c.	10c. 1.25

CALIFORNIA GIANTS

A mutation from the Dahlia Flowered type. It has since been further developed for florists, and general use. Large, imbricated flowers and flat, getting away from the older conical type of Giants. A good cut flower from the early bud until they are in full bloom. They are twice the size of the ordinary Giants.

	Pkt.	Oz.
Daffodil. Improved. Bright canary-yellow, resembling King Alfred	10c.	\$1.50
Daffodil in color	10c.	1.50
Enchantress. Light rose, deeper center	10c.	1.50
Golden Queen. Golden yellow	10c.	1.50
Orange King. Cadmium or burnt orange	10c.	1.50
Purity. White	10c.	1.50
Scarlet Queen. Glowing scarlet	10c.	1.50
California Giants. Finest Mixed. Above and other colors...Large pkt., 25c.	10c.	1.25

CUT AND COME AGAIN

(Elegans Pumila Dwarf Double)

Medium-sized flowers, very double, with long stems. Valuable for massing in the garden and continuous succession of cut flowers throughout the summer.

	Pkt.	Oz.
Cut and Come Pinkie. Rose-pink	10c.	\$.75
Salmon Rose	10c.	.75
Spun Gold. New soft yellow	10c.	.75
Elegans Cut and Come. Finest mixed colors	Large pkt., 25c.	10c. .75
Early Wonder, Mixed. New strain. Medium sized flowers, good stems, little foliage. Height 15 inches. Flowers in six weeks	10c.	1.50
Picotee Delight. Mostly salmon, cream and biscuit shades	10c.	1.50
Fantasy Rosalie. New bright intense rose	1/4-oz., 60c.	15c.
Fantasy White Light. Valuable addition to this type. Nearly pure white. Received A. A. Honorable Mention 1938	1/4-oz., 60c.	15c.
Fantasy Mixed. (New). Gracefully quilled and twisted petals	Per 1/4-oz., 35c.	10c. 1.25

LILLIPUT (Pompon or Baby) ZINNIAS

Very popular class for cut flower use. The flowers are small, compact and on strong stems. Plants 1 to 1½ feet.

	Pkt.	Oz.
Lilliput Golden Gem. Golden yellow..	10c.	\$1.00
Lilliput Rosebud. (New). Rose-pink..	10c.	1.00
Lilliput Crimson Gem	10c.	1.00
Lilliput Special Mixture. Excellent for cutting. Height, 18 inches	Special pkt., 25c.	10c. 1.00
Lilliput Tom Thumb Mixture. 4 to 6 in. Very dwarf, for edging, pots and boxes. Not for cutting	10c.	1.50

CUPID AND SMALL FLOWERING ZINNIAS

Cupid Zinnias. Pixie, bright yellow; Tiny Tim, rich scarlet; Snowdrop, pure white; Finest Mixed. Each, Pkt., 10c.; 1/8-oz., 35c.

Zinnia, Gaillardia Flowered Finest Mixed (Nava-jo). Per pkt. 10c.; 1/4-oz., 50c.

Linearis Orange. Single dwarf orange and yellow. Per pkt., 10c.; 1/8-oz., 50c.



Zinnia—Early Wonder

**Caladium Esculentum****Caladium Esculentum***Elephant's Ear*

One of the largest of ornamental foliage plants; grows in any garden soil, and when full size, stands four or five feet high, with immense leaves measuring four feet in length by two and one-half feet in breadth.

	Circumference	Each	Doz.
First Size Bulbs	11 to 12-inch	20c.	\$2.00

(Postage extra, 5 ounces each)

Madeira Vine

The Madeira Vine is a beautiful climber, with thick glossy light green leaves, climbing twenty feet or more, and twining in any desired form. Each, 10c.; dozen, \$1.00. Postage extra; weight, 4 oz. per dozen.

Double Tuberose *Excelsior Dwarf Pearl*

The Tuberose, being a native of a tropical climate, requires the extreme heat of summer, and will not bloom till late, unless started in the forcing-house or hot-bed, in February or March. They may be transferred to open ground after the soil has become warm and settled summer weather prevails. The bulbs are extremely sensitive; a slight freezing destroys the crown or heart.

First Size: 4 to 6 inch, each, 5c.; doz., 50c.; 100, \$3.75. Postage extra; 1 lb. per doz.

Cinnamon Vine

Beautiful summer climber; glossy foliage and fragrant flowers; stem dies down in winter, but the root is hardy. Large selected roots. Price each, 10c.; doz., \$1.00. Postage extra; 4 oz. per doz.

Gladiolus

The most brilliant and showy of all summer-flowering bulbs. Their immense spikes of gorgeous bloom comprise in color all shades from white to the deepest scarlet, purple and yellow, with blotchings and markings of charmingly contrasted shades. They will grow in any good garden soil, and bloom with the most ordinary care. The bulbs should be planted at intervals in April and May, to secure a succession of bloom. Take up in the Fall and store in a dry cellar or other cool place, well protected from frost.

NOTE. The following bulbs are 1½ inches and up, in diameter, and not to be confused with the so-called mailing sizes offered at lower prices. Experienced growers consider this the best flowering size.

	Doz.	100
Albatross. Giant, pure white	40c.	\$3.00
Apricot Glow. Clear Apricot. A glorified Alice Tiplady	25c.	1.75
Berty Snow. Light rosy lavender	30c.	2.00
Betty Nuthall. Coral pink	25c.	1.75
Charles Dickens. Early purple violet	35c.	2.50
Commander Koehl. Magnificent deep scarlet	35c.	2.75
Dr. Bennett. Flame red. Giant flowering	30c.	2.00
Edith Robeson. Peach-pink, crimson blotch	40c.	3.00
Gate of Heaven. New, large, best deep yellow	45c.	3.50
Giant Nymph. Rose pink. Giant flowering	25c.	1.75
Glorianna. Golden salmon	30c.	2.00
J. S. Bach. New magnificent salmon red	60c.	4.50
Joerg's White. Giant, creamy white	40c.	3.00
Maid of Orleans. New white with cream throat	35c.	2.75
Minuet. Delicate lavender	35c.	2.75
Moorish King. Finest rich mahogany red	70c.	5.50
Mormora. Lavender gray	30c.	2.25
Mrs. Dr. Norton. Delicate pink, sulphur throat	35c.	2.50
Mrs. Frank Pendleton. Salmon pink, deep red blotch in throat	30c.	2.00
Mrs. Leon Douglass. Exhibition salmon	30c.	2.00
Pelegina. Darkest violet	40c.	3.00
Pfitzer's Triumph. Large scarlet	35c.	2.75
Picardy. Sensational new shrimp-pink	25c.	1.75
Pinacle. Rose-pink	45c.	3.50
Pride of Wanakah. American Beauty Rose	30c.	2.00
Rapture. Salmon with creamy blotch	45c.	3.50
Rosemarie Pfitzer. Finest cream pink	65c.	5.00
Star of Bethlehem. New enormous snow-white	60c.	4.50
Wuerttembergia. Immense fiery scarlet, creamy white throat	45c.	3.25
Yellow Perfection. The best all-round yellow gladioli	35c.	2.75
Special Mixture. Contains many new and rare sorts....	25c.	1.75
Primulus Hybrids. Distinct type, slender orchid-like...	25c.	1.75

(ALSO OTHER CHOICE SORTS NOT LISTED ABOVE)
Postage extra: average weight 6 lbs. per 100

**Picardy**

VEGETABLE PLANTS AND ROOTS

We grow large quantities of vegetable plants and roots, and can supply the varieties listed below in their proper season. Prices are F. O. B. New Haven.

Artichoke, Tuberous Rooted. (Jerusalem). Per lb., 20c.; 10 lbs., \$1.75.

Asparagus Roots. Strong one-year-old roots recommended; they become established better than 2 or 3-year-old roots. Mary Washington are rust-resistant and very much the best variety. Price, 100, \$1.75; 1,000, \$12.00.

Cabbage Plants. (Hot-bed or transplanted in flats). Ready early April. Golden Acre, Copenhagen Market. Per doz., 20c.; 100, \$1.25. Field grown plants, early July, per 100, 50c.; 1,000, \$4.00.

Cauliflower Plants. (Hot-bed). Snowball. Per doz., 25c.; 100, \$1.50.

Celery Plants. Ready early July. Golden Plume, Easy Blanching, and Giant Pascal. Per 100, 75c.; 1,000, \$5.50.

Chives. For flavoring. Per clump, 15c.; doz., \$1.50.

Egg Plants. Ready in late May and June. Pot-grown. 85c. per doz., \$6.00 per 100.

Horseradish Sets. Bohemian or "Maliner Kren." Ready in April. Per doz., 20c.; 100, \$1.25; 1,000, \$9.00.

Lettuce Plants. Ready in April and May. Per doz., 20c.; 100, \$1.25.

Pepper Plants. Ready in May and June. Per doz., 20c.; 100, \$1.25.

Rhubarb Roots. Victoria. Strong roots. Price each, 20c.; doz., \$1.75. Small roots, each, 15c.; doz., \$1.25; 100, \$10.00. Ready in early April.

Sweet Potato Plants. Late May to late June. Yellow and Red Nansemond (dry mealy). Nancy Hall (moist orange yam). Per bunch of twenty-five, 25c.; 100, 75c.; 1,000, \$6.00.

Tomato Plants. Grown from our own seed, select stocks. Transplanted. Ready in May and June. We can supply through season well-grown plants of the leading varieties. Per doz., 25c.; 100, \$1.50.

Special quotations on application for large quantities.

Flowering Plants. We grow large numbers of the new and choice annual flowering plants, in flats and in two-inch pots, at prices from 35 cents to \$1.00 per dozen. Grown from our special strains of extra select seed. This method is very economical and satisfactory, gives you earlier flowers in your garden. Write for list if interested.

INSECTICIDES AND FUNGICIDES

Antrol. The thorough way to kill ants. Cottage Sets, consisting of four containers and 4 oz. supply of syrup. Price, 75c. Extra containers, 10c. each.

Extra Antrol syrup, 4-oz. bottle, 35c. each; pint bottles, 85c. each.

Antrol Ready Filled Sets (four containers) 40c. per set.

Antrol Traps. Flat round metal, convenient, safe. Kills both sweet and grease-eating ants. 10c. each.

Antrol Powder. 1¾-oz. can, 15c.; 4½-oz. can, 35c.

Ant Bait (Magikil Jelly) Safety Traps, each, 25c. Garden Tube, 1 oz., 35c.; Estate Tube, 3 oz., 85c.; Jumbo Tube, 8 oz., \$1.75 each.

Ant Gas. (Cyanogas). In powder form, for lawn and garden ants — outdoor use only. Quickly exterminates the colony. In special 4-oz. applying tins, 30c.

Arsenate of Lead (Dry). For either dusting or spraying. Its extremely fine condition affords an adhesive protective coating of poison. Prices: 1-lb.

canister, 30c.; 4-lb. paper bags, each, 70c. For larger quantities, please write for lowest market price.

Ansbacher's Oxo Bordeaux. (Dry Powder). A new superior bordeaux, more efficient, safer, effective over a longer period, less residue, improved suspension qualities, and more economical, for control of blight, scab, mildew, and other fungus diseases. Used at rate of 2 to 6 pounds to 50 gallons water. Detailed directions for use, free on request. Prices: 1-lb., 25c.; 4-lb. package, 70c. For larger quantities, please write for lowest market price.

Borerkill. Nicotine paste in 1½-oz. tubes with nozzle. 60c. each.

Copper Hydro. A new type fungicide contains 26% metallic copper. More effective, adaptable and safer than the old form. 1 lb., 25c.; 4-lb. bags, 75c.

Copper Sulphate. Small crystals used in making of home-made Bordeaux mixture. Price: 3 lbs., 35c.; 5 lbs., 50c.; 25 lbs., \$2.38; 100 lbs., \$9.00.

Crow Repellant. One pint treats two bushel Corn. A small cost to insure Corn against the depredations of crows pulling the seed. Price: Pint, 60c.; Quart, \$1.00.

Cut Worm Bait, Snarol. (Bait Meal). It does not injure or affect the growing plants in any way, and if applied as directed on package there should be little trouble from this pest. Per 1½-lb. pkg., 35c.; 4 lbs., 85c.



Insecticides and Fungicides—Continued



Cubor Spray. Just add water, according to directions. A rotenone spray with penetrant and spreader; Non-Poisonous to Human, Animal or Bird Life; harmless to tender foliage and flowers. Cubor Spray kills a very wide variety of pests when both the insects and the plants are wetted by the spray solution; kills both by contact and through stomach action. Price: 4 oz., 50c.; 1 pt., \$1.30; 1 qt., \$1.90; 1 gal., \$6.00.

Cubor Dust. A rotenone dusting material (.75% rotenone). This is very efficient in controlling a wide variety of insects, and because of its non-poisonous nature to all warm-blooded animals, it is safe on such crops as Cabbage, Cauliflower, Beans, Lettuce and others where poisons are objectionable. Price: 4-lb. pkgs., 65c. each. Write for lowest market price in case lots (12-4's).

Cuprocide. (Red Copper Oxide). Used as a seed treatment on vegetable and flower seeds for control of fungus disease known as "damping-off"; especially effective on spinach seed when used at rate of 2½ lbs. on 100 lbs. seed. Circular of directions for use free. Prices: 4-oz. can, 35c.; 1 lb., 90c.; 5 lbs., \$4.00.

Cyanogas "A". For the destruction of Woodchucks, Rats, Groundmoles and other rodents. Per ½-lb., 45c.; 1 lb., 75c.; per 5 lbs., \$3.00.

Cyanogas "G". Greenhouse fumigant for the control of white fly, aphids, thrips and soft scale. Per 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00.

D-X. Penetrating Pyrethrum Rotenone Spray. (Non-poisonous). D-X is a low cost contact spray of great power for control of both sucking and chewing insects common about the garden or orchard. D-X has little or no odor and leaves no stain on plants or buildings. D-X may be combined with lime sulphur, bordeaux, sulfocide, arsenate of lead, etc. Other pyrethrum sprays quickly lose their effectiveness in such combinations. Kills Aphids at 1-800 dilution, Bean Beetle at 1-400, Cucumber Beetle at 1-100. Full directions on request. See page 94 dilution chart. Price: 1½-oz., 35c.; ½-pt., \$1.00; 1 pt., \$1.75; 1 qt., \$2.75; 1 gal., \$7.50.

Grape and Rose Dust is an economical, convenient fungicide preparation. Kills the destructive mildew and prevents black spot. Price: 5-lb. pkg., \$1.50.

Japanese Beetle Spray. A very effective spray, most economical and the best we have found; consists of a high rotenone content powder with wetting agent combined. The sticking agent (Rosin Residue Emulsion) should be added when ready to use (supplied in separate containers). A combination of the two products to make 25 gals., 75c.; to make 50 gals., \$1.30; to make 100 gals., \$2.10.

Lime Sulphur Solution. (Concentrated). Recommended for San Jose Scale, Oyster Shell Scale, etc. Ready for use by adding 10 to 40 gallons

water to each gallon. Price: 25-gal., \$7.00; 50-gal. bbls., \$10.50.

Lime-Sulphur. (Dry). For dormant or summer use. In many cases more convenient than the liquid and safer to use at summer spray strength. Price: 1 lb., 35c.; 5 lbs., \$1.25; 12½ lbs., \$1.60; drums of 8 or 16 12½-lb. bags quoted on application.

Mologen. Effective against moles. Price: 8-oz. can, 50c.; 1½-lb. can, \$1.25.

"Nico-Fume." "Nico-Fume" liquid is made from very high strength Nicotine solution and is free from the Ammonia and excessive Nitrates contained in tobacco stems. Therefore, many delicate plants which would be seriously damaged by smoke from tobacco stems may be strongly treated with "Nico-Fume" without the least injury—it neither deforming the buds nor discoloring the blooms nor leaving any odor upon them. "Nico-Fume" liquid contains never less than 40% nicotine. "Nico-Fume" liquid may be satisfactorily employed either for fumigating or for spraying. Price: 1 lb., \$2.25; 4 lbs., \$5.75; 8 lbs., \$10.00.

"Nico-Fume" Tobacco Powder. Nicotine not less than 14%. For Greenhouse fumigating. Especially prepared for burning in new pressure fumigating ½- and 1-lb. pkgs. Prices: ½-lb. cans, each, 45c.; 6 for \$2.40; 12 for \$4.20. 1-lb. cans, each, 75c.; 6 for \$3.75; 12 for \$7.00.

Nicotine Solution ("Black Leaf 40"). Active ingredient nicotine 40% in a sulphate form. Especially adapted for all soft-bodied sucking insects or aphids in the open not being "free." Use 1 oz. in six to twelve gallons water, according to use. Per oz., 35c.; 5-oz. bottle, \$1.00; 1-lb. tin, \$2.25; 2-lb. tin, \$3.25; 5-lb. tin, \$5.85; 10-lb. tin, \$10.60.

Paradychlorobenzene. A gas-forming crystal, in granular form, for killing peach borers, at certain stages, in the ground. Directions on package. Price: 1 lb., 50c.; 5 lbs., \$1.75.

Paris Green, Strictly Pure. A poisonous insecticide in powder form for insects which chew. As a liquid use 1 lb. to 50 to 100 gallons water. Per ¼-lb., 20c.; per lb., 60c.

Pomo-Green with Nicotine. The leaf-green, all-in-one dust or spray; ¼-lb. makes one gallon of spray or use dry in duster. Especially recommended for Rose Black Spot, Rust, Mildew, Aphids and chewing insects. High rating given in tests conducted by American Rose Society. Price per lb., 75c.; 5 lbs., \$3.00.

"Pyrocide Dust." Prices on request.

Red Arrow Garden Spray. A Garden Spray combining the merits of Pyrethrum, Rotenone and Soap in convenient, concentrated form. Simply mix with water and spray. Absolutely harmless to man, birds, pets and plants, kill Mexican Bean Beetles, Aphids, Rose Bugs, Aster and Dahlia Beetles, Cabbage and Tomato Worms, Japanese Beetles, Thrips, Leaf Hoppers and other chewing and sucking insects. Used normally at rate of two teaspoonsful in a gallon of water; ½-pint makes 25 to 50 gallons. Price: 1 oz., 35c.; 4 oz., \$1.00; 1 pt., \$2.75; 1 qt., \$5.00; 1 gal., \$15.00. Postage within 300 miles is 8 cents on the oz., 4-oz. or 8-oz. size, 1 qt., 12c. postage.



Insecticides and Fungicides—Continued

Rotenone Dust. 75% or 1.00% formula. We are prepared to furnish large users this product in economical 50-lb. paper bags at current lowest market prices. Please write for quotations when in the market.

Scalecide. Complete dormant spray. The quality Miscible oil. Oldest and best-known dormant spray for trees, shrubs and vines. Used by more beautiful, healthful and fruitful. Used by leading fruit-growers. Pleasant to use, non-caustic, non-corrosive, non-poisonous. Kills scale, insects, eggs, larvae, and fungus-spores wintering on the plant. Mixes instantly; dilute 1 to 15. Prices: qt., 65c.; gal., \$1.55; 5 gals., \$5.50; 10 gals., \$9.50; 15-gal. steel drum, \$13.25; (refund for empty drum, \$2.00; f.o.b. factory, or \$1.75 New Haven); 50-gal. barrel, \$29.00. One gallon equals 3½ gallons Lime-Sulphur.

Sulfocide. A valuable summer fungicide. Used at rate of 1-200. Price: per pt., 50c.; 1 qt., 85c.; 1 gal., \$2.25.

Soap. Liquid insecticide soap. A neutral, potash, cocoanut oil product for use with contact insecticides. More convenient and several times as effective as fish oil and other cake coaps. Commonly used dilution: 1 to 400 (1 pt. to 50 gals.). Price: 1 qt., 85c.; 1 gal., \$1.75.

Slug Shot. Requires no further mixing or preparation, easily applied as a powder and not injurious to trees or dangerous to animals, the person applying it, or fruits and vegetables treated. Very effective in destroying potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc. Price per 1 lb., 25c.; 5 lbs., \$1.00.

Spray Catalizer. A superior spreader and sticker, also controls action of Arsenate of Lead and Sulphur combination sprays, does not deteriorate as does Calcium Caseinate. Use at rate of 2 lbs. in 100 gallons of spray (a rounded teaspoonful per gallon). 2-lb. bags, 40c.; 50-lb. bags, \$9.00.

Sulphur. Superfine for dusting. Price: 2 lbs., 15c.; 5 lbs., 30c.; 25 lbs., \$1.25; 100 lbs., \$4.50.

Sulphur. Wettable. May be used as dust or spray. A general sulphur fungicide for use on

fruits, vegetables and flowers. Especially recommended for Black Spot or Mildew on Roses and Delphinium blight. 4 to 6 lbs. makes 100 gallons spray. Price: 4-lb. pkg., 50c.; 24 lbs. (6 4's), \$2.00.

Tree Tanglefoot is a sticky substance similar to that used on Tanglefoot fly-paper. It is a most simple and economical remedy for protecting trees against canker worms or any other climbing insects. Will remain sticky three months. Price: 6 oz., 35c.; 1 lb., 70c.; 5 lbs., \$3.30; 10 lbs., \$6.25; 25 lbs., \$13.00.

Triogen. Rose Spray. Recommended especially for control of all insects and fungi diseases of the rose. A-Kit (makes 16 qts.), \$1.50; B-size (makes 64 qts.), \$4.00; C-size (makes 32 gals.), \$6.00.

Spray Cream. A refined oil-emulsion for use on tender foliage for control of red spider, white fly, thrips, scale, etc. Cleanses the foliage. One part Spray Cream used with 33 to 100 parts water. Prices: 1 qt., 75c.; 1 gal., \$1.75; 5 gals., \$5.50.

Tobacco Dust. This is a natural high nicotine content fine powder and a specific for aphids, flea beetles, etc. It is also a good fertilizer and preventive for insects in the ground and about roots. Price: 2-lb. pkg., 20c.; 5 lbs., 35c.; 25 lbs., \$1.25; 100-lb. paper-lined bag, \$3.25.

Weed Killer. Atlacide (Chlorate Weed Killer). A non-poisonous weed killer in dust form. Simply dust or dilute with water and apply on any undesirable vegetation, including poison ivy, Canada thistle, Johnson grass, etc., without the danger of poisoning humans or animals. Especially recommended for obtaining weed-free driveways, paths, tennis courts and gutters. Prices:

(Use 10 lbs. per 1,000 sq. ft.)

5-lb. can	\$1.50
15-lb. drum	3.50
50-lb. drum	7.00
100-lb. drum	13.50

4-lb. dusting powder, special pkg., for small users. Used dry only, 75c.



FERTILIZERS

Feed Your Plants and See Them Grow!

Platt's Concentrated Plant Food. This is a specially prepared form of Plant Food for house plants, conservatories and small outdoor plantings. It may be applied dry or in solution and is sure to produce satisfactory results. Price: 5-oz. pkg., 25c.; 12-oz. size, 50c.; by mail, add 8 cents for 300-mile limit.

Plant Tablets. Wondergrow. Small 12 tablet size, 10c.; 40 tablet size, 25c.

Kem. Liquid plant food. A concentrated solution of plant nutrients and essential elements for growth of plants without soil, in sand or soil. Price: 12-oz. bottle, 25c.; 1 gal., \$1.00; 5 gals., \$4.25.

Plantet. For soilless growth of plants, growing in sand or soil; and for superior growth of any plant. A successful combination of all chemicals in dry form. One teaspoonful makes a gallon of solution. Price: 8 oz., 75c.

Adco. An English formula for converting in three to four months all kinds of vegetable wastes,

composts, etc., into a clean, odorless, artificial manure by the addition of moisture and assisting beneficial bacteria. No equipment is necessary. 7½ lbs. (Trial size), \$1.00. 25 lbs., sufficient for 12 wheelbarrows full, \$2.00; 150 lbs., sufficient for a heap 10 x 10 x 6 feet, \$10.50.

Tobacco Stem Meal. A valuable all organic fertilizer containing approximately 1% Nitrogen and 4% to 6% Potash. Price: 100-lb. bag, \$1.50.



Bovung. An organic fertilizer. Natural cow manure prepared under cover, containing not less than 75% organic matter, thoroughly dehydrated and well pulverized. Entirely free from dirt and live weed seeds and has much less odor than any similar fertilizer. Bovung is ideal for use on the lawn and garden. Florists find it superior to any other manure. Analysis made at the Con-

Fertilizers—Continued

necticut Agricultural Station show that it is economical because of its high organic and plant food content, at the same time low in moisture and inert matter. Price: 4 lbs., 25c.; 10 lbs., 50c.; 25 lbs., \$1.15; 50 lbs., \$1.75; 500 lbs., \$13.50; 1000 lbs., \$25.50; 1 ton, \$46.50.

Florida Humus. Florida Humus is high in organic content (91%). Humus in its purest and richest form. Florida Humus is dredged from under water deposits, and air dried to a very low moisture content, and therefore economical. Most soils are deficient in humus. Florida Humus improves such soils, but is not intended to take the place of fertilizer. Directions for making compost and top dressing free on request. Packed in 100-lb. crates, 6 cubic feet compressed to $3\frac{1}{2}$, \$2.50 each; also 200-lb. crates, 12 cubic feet compressed to 7, \$4.50; ton, \$37.00.



Platco 5-8-7. A high-grade complete fertilizer for general purpose, especially potatoes and garden truck crops. Also in making of new lawns, where it is generally used at the rate of 50 lbs. per 1,000 square feet. Price: 5 lbs., 25c.; 10 lbs., 45c.; 25 lbs., 85c.; 100-lb. bag, \$2.50; per $\frac{1}{4}$ -ton, \$11.50; per ton, \$39.70.

Platt's Special Lawn Fertilizer. Contains 10% Nitrogen, 5% Phosphoric Acid, and 5% Potash. For best results apply 10 lbs., in early Spring, 5 lbs. in early Summer and 5 lbs. in early Fall on each 1,000 sq. ft. of lawn. This is a neutral fertilizer composed of a number of products; each selected for its proven desirability in a lawn maintenance formula. The ratio and amounts recommended are based upon results from a large number of extensive trials over a period of many years. A substantial proportion is in organic form and due to the small amounts required (400-600 lbs. per acre) is very economical to use. Price: 12 $\frac{1}{2}$ -lb. bag, 90c.; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00; $\frac{1}{4}$ -ton, \$18.50; 1 ton, \$65.00.

Floranid. "It's Nitrogen from the Air." Contains 46% available Nitrogen. Concentrated and economical for flowers, vegetables and shrubs. Price: 1 lb., 25c.; 5-lb. bag, 90c.; 10 lbs., \$1.50; 25 lbs., \$2.75.

Nitrophoska. Highly concentrated; formula 15-30-15. Contains 3 to 4 times as much as ordinary fertilizer. Price: 1 lb., 25c.; 5-lb. bag, 90c.; 10 lbs., \$1.50; 25 lbs., \$2.75.

Ground Bone. A special 3.29% nitrogen, 22.00 T.P.A. unsteamed, high grade for roses, grape vines, shrubs, lawn and florists' use. Price: 5 lbs., 35c.; 10 lbs., 60c.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 500 lbs., \$16.00; 1 ton, \$55.00.

Regular grade: 2.05% nitrogen, 22.90 T.P.A. Price: 100 lbs., \$3.00; 500 lbs., \$13.50; 1 ton, \$46.00.

Lime. Ground Limestone. 40 mesh. Price: 50 lbs., 50c.; 100 lbs., 90c.; $\frac{1}{4}$ -ton, \$5.00; ton, \$10.25. (In paper bags).

Land Plaster or Gypsum. It is an excellent addition to land requiring lime and sulphates, particularly for such crops as clovers, grasses, potatoes, and turnips. Quantity required, broadcasted and harrowed in, one-half to one ton per acre. Price: 100-lb. bag, \$1.00; 1 ton, \$14.00.

Hard Wood Ashes. Useful because they contain lime and potash in a desirable form. The use on lawns will encourage the growth of White Clover. Also useful on Foxglove, Larkspur, Delphinium, Lupins and other plants that thrive in an alkaline soil. Price: 100 lbs., \$2.50; 1 ton, \$35.50.

Nitrate of Soda. This is valuable solely for the nitrogen it contains. It is very quick in action and hastens the maturity of the crops. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 500 lbs. per acre is generally used. Price: 5-lb. pkg., 35c.; 10-lb. pkg., 60c.; 100 lbs., \$3.00; 1 ton, \$45.30.

Muriate of Potash. Eighty per cent pure, equivalent to 48 or 50% actual potash. Price: 5 lbs., 35c.; 25 lbs., \$1.25; 100 lbs., \$3.25.

Sulphate of Ammonia. Koppers (25% Ammonia). An improved product in fine condition. Price: 5 lbs., 35c.; 25 lbs., \$1.25; 100 lbs., \$3.25.

Superphosphate. Guaranteed 20% phosphoric acid. Price: per 100 lbs., \$1.50; per ton, \$22.80.



Salt for Asparagus and Other Crops. In sacks of 100 lbs., \$1.35. For $\frac{1}{2}$ -ton or more, ask for special quotations.

Vigoro. The complete specially prepared food for lawns, vegetable and flower gardens. Price: 5 lbs., 45c.; 10 lbs., 85c.; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

Hormodin Powder. The Root-Forming Chemical. Hormodin is a hormone-like plant growth substance. Its principal use is to stimulate rapid root growth on cuttings. It has widespread use in propagating cuttings, whether rooted with ease or normally rooted with difficulty. Many cuttings formerly impossible to propagate may now be rooted with the aid of Hormodin.

No. 1 for soft cuttings. 1 $\frac{3}{4}$ -oz., 50c.; 1 lb., \$3.00.

No. 2 for semi-woody growth. 1 $\frac{3}{4}$ -oz., 75c.; 1 lb., \$4.50.

No. 3 for evergreens, etc. 1 oz., \$1.00; $\frac{1}{2}$ -lb., \$4.50.

Combination Package. $\frac{1}{2}$ -oz., No. 1, $\frac{1}{4}$ -oz. No. 2; $\frac{1}{4}$ -oz. No. 3, 75c.

Soiltex. Outfit for testing acidity of soil. Simple, accurate, easy. \$1.00.

Peat Moss. An organic material that contributes to the humus content of the soil. It is free from fungus, silt, sand or weed seeds, highly absorbent and retentive of moisture. It is used by gardeners and florists in a great variety of ways; such as, mixing with soil, propagating, mulching evergreens, roses, top dressing lawns, etc., which are covered more fully in a special folder, mailed upon request. G.P.M. Peat Moss is put up in machine-compressed bales, burlapped, containing 20 bushels when loosened. The contents will cover 250 square feet, one inch deep. It is not sold by weight because that depends on the technical moisture content. Price: per bale, \$4.50. Price subject to change.

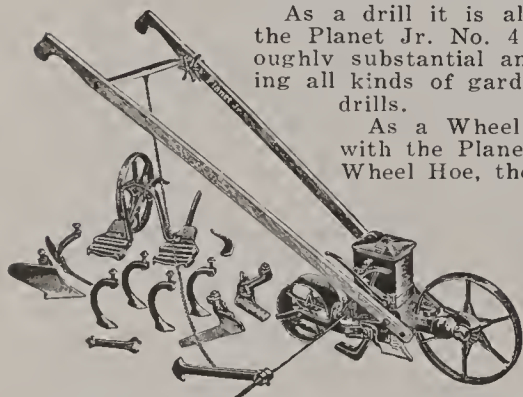


Sorbex. Selected Peat Moss ground 25 times finer. Per bag of about 10 bushels, \$2.50. Price subject to change.

"PLANET JR." FARM AND GARDEN TOOLS

A complete catalogue containing a full line of Planet Jr. implements free upon application.

Planet Jr. No. 25 Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

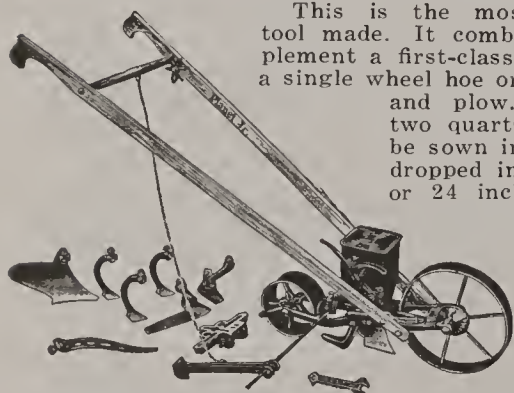


As a drill it is almost identical with the Planet Jr. No. 4 Drill, and is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills.

As a Wheel Hoe it is identical with the Planet Jr. No. 12 Double Wheel Hoe, the very best machine on the market. The change from drill to wheel hoe takes but a moment.

Price: \$22.50.

Planet Jr. No. 4 Combined Seed Drill, Single Wheel Hoe, Cultivator and Plow



This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a single wheel hoe or weeder, a cultivator and plow. The hopper holds two quarts of seed, which can be sown in continuous rows, or dropped in hills, at 4, 6, 8, 12 or 24 inches apart.

The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe.

Price: \$17.75. As a drill only \$14.75.

Planet Jr. No. 300 Seeder

The No. 300 is rapidly becoming the most popular Seeder for Market Gardeners. It is a plate seeder giving ample adjustment for any size seed. Many exclusive features combine to make the No. 300 easy running, dependable and accurate. Price: \$20.00.



Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow

The No. 12 runs either astride or between the rows; kills all the weeds and leaves the earth in fine shape. Then, too, it is so easy to work.

The No. 12 has a pair of 6-inch hoes, a pair of plows for opening or covering, and a set of four all steel cultivator teeth. The tools shown are what gardeners use most, and others can be added. Price: \$11.50. Price as No. 13 (with Shuff-le Hoes only), \$8.75.

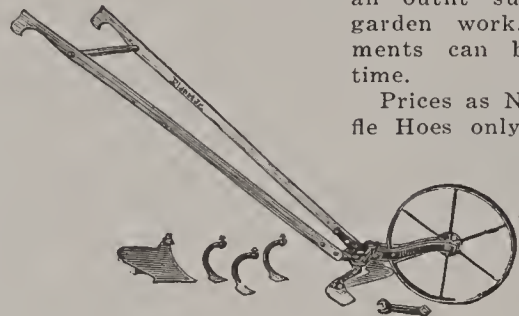


Planet Jr. No. 17 Single Wheel Hoe, Cultivator and Plow

For easy gardening, and at the same time clean and perfect gardening, no tool is the equal of this No. 17 Wheel Hoe. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work. Other attachments can be added at any time.

Price: \$7.75.

Prices as No. 18 (with Shuff-le Hoes only). \$5.75



Geyer Hand Cultivator

This is a good tool. It has sharp steel blades, which do much better work with less energy than the simply flattened and sharpened prongs used on others. A handy tool; useful in any garden.

Price: 85c.



Geyer Hand Cultivator

Bamboo Broom Rake

First quality bamboo with patented brass clip and hard wood handle makes this the best on the market.

18-inch	40c.
24-inch	60c.
30-inch	85c.

The Cyclone Seeder

The seeder that sows evenly, because, although simple, the features that have taken years to work out and combine the now perfected "Cyclone" with slant feed board, oscillating automatic feeder and shut-off, dished feed wheels and triple gears. Price: \$2.50. Postpaid within 150 miles, \$2.75.



THE CYCLONE SEED SOWER
THE SOWER THAT SCATTERS EVENLY

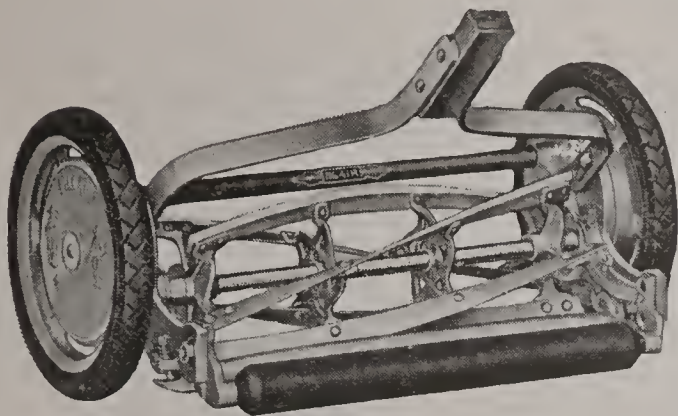
The Cahoon Hand Broadcast Seeder

For Sowing ANY Grain or Grass Seed

It has positive and accurate feed. Malleable iron frame, steel hopper and gate, brass discharger.

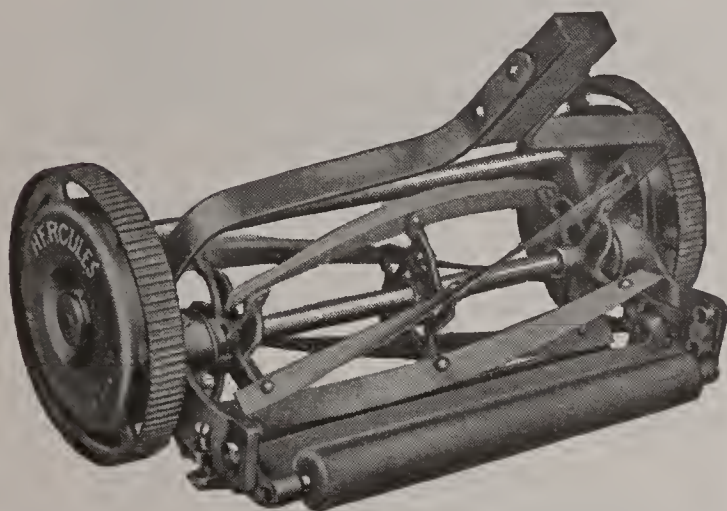
Price: \$5.00 each.





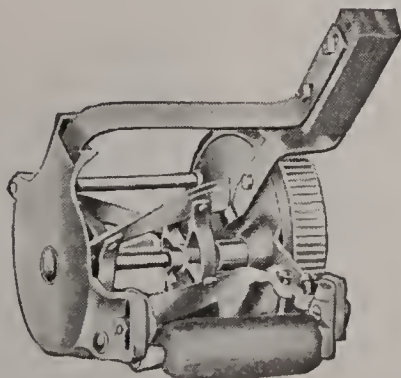
The New Pilgrim Mower

Pilgrim. A very sturdy design equipped with new features. Eleven-inch semi-pneumatic tire wheels, a sturdy five-blade reel of large diameter mounted on automatically adjusted ball bearings, rubber covered tie-rod and rubber impregnated ball bearing wood roller. The Pilgrim is an outstanding lawn mower. By mounting the roller on automatically adjusted ball bearings it revolves freely and is made practically noiseless. The rubber tires project beyond wheel hubs and the rubber covered tie-rod prevents injury to trees and buildings. Price: 18-in. cut, \$11.50; 20-in. cut, \$12.00.



Hercules. The Mower De Luxe. Hyatt roller bearing traction wheels; steel wheel shafts; Timken roller bearing blade cylinder; dust-proof oil cups; nine-inch traction wheels; five crucible steel drawcut wiper blades; Sheffield steel, lipped edge stationary knife, automatically sharpened; truss knife bar; malleable iron roller brackets and cutter heads. Recommended particularly for parks, cemeteries and estates. Prices: Hercules, 18-inch cut, \$14.00; 20-inch cut, \$15.00.

See other
mowers
on inside
front
cover

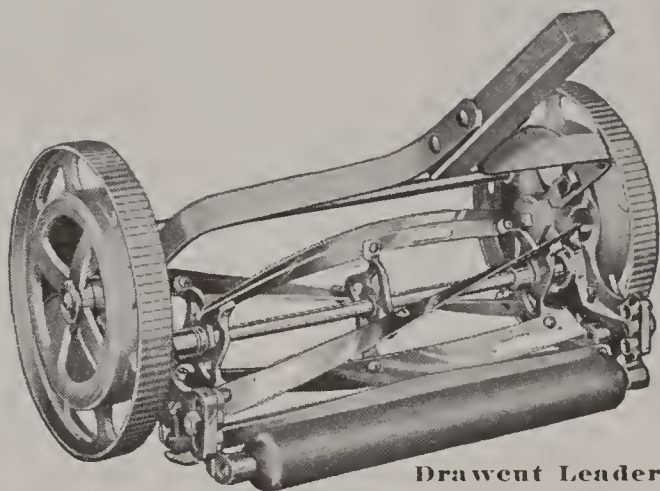


**Universal
Lawn
Trimmer**

Universal Lawn Trimmer. An almost indispensable machine where there is much cutting to do next to walls, foundations, fences, trees, tombstones or other places where regular mowers can-

not reach and must otherwise be trimmed with hand shears. It has 8-inch wheels, 4 drawcut blades, automatically adjusted ball bearings. Cuts 6 inches. Price: \$5.25.

Drawcut Leader. A light machine, truly a leader in its class. The Leader represents the most value that can be offered at the price. Made by Blair, it



Drawcut Leader

must be a good value or we would not recommend it. There is no need of buying a mower of questionable quality when a Leader may be had for so little. Made in one size, with automatically adjusted ball bearings and 4 drawcut blades. Price: 14-inch cut (8-inch wheels), \$4.50.

Cast Stone Garden Furniture "Artcrete"



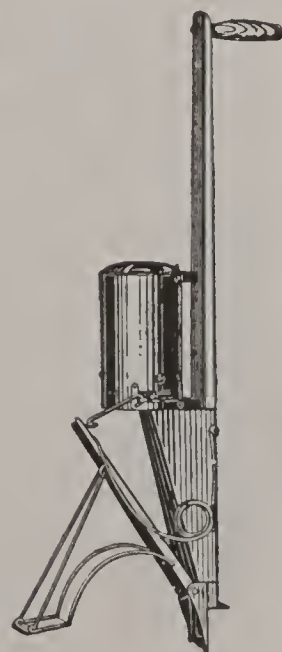
Bird Bath
No. 6748
Height 26 inches
Width 20 inches
\$6.50

**Gazing Globe
and Pedestal**
No. C104
Height 39 inches
Globe 9 inches
\$8.50

Sun Dial
No. C76
Height 28½ inches
Dial 7 inches
\$7.00

Automatic Corn Planter

Can be regulated as to depth and amount of seed planted. Much more work, and with greater regularity, can be done than in the old way. Price: \$3.50



No. 3 Paragon Sprayer



The Paragon No. 3 is a distinct improvement in sprayers of this type; first, in the large cylindrical strainer, which makes it practically non-clog. The agitator keeps solution thoroughly stirred. Pressure is kept up to a high point steadily because of large air chamber and great leverage. A well-made handy outfit. Equipped with 12-gallon tank and truck, three 2½-ft. extension rods, 10 ft. hose, two nozzles and shut-off.

Price: \$23.00.

New Open Head Sprayers

Tank opening is 5 in. diameter. This means easily cleaned or filled, and a long lived tank built to withstand 100 pounds pressure. Tanks are either brass-copper alloy or heavy steel electrically welded and galvanized after tank is fabricated, completely coated inside and out, making it a practically seamless "one-piece" tank.

Pump assembled one unit; cylinder 2 in. seamless brass; valves all brass. Equipped with rubber double grip pump handle, hose (20 in.), brass extension, automatic shut off and swivel nozzle.



Open Head No. 4B. Brass Copper Alloy Tank	4 gal.	\$11.00
Open Head No. 3B. Brass-Copper Alloy Tank	3 gal.	8.50
Open Head No. 4D. Galvanized Tank	4 gal.	6.85
Open Head No. 3D. Galvanized Tank	3 gal.	5.85

No. 250D. Funnel Top Sprayer. 2½ gal. Galvanized Tank. An inexpensive, small-sized sprayer durably constructed; equipped with hose, 18-inch angle fitted extension, automatic shut-off, non-clog nozzle and carrying strap. Price \$4.25.

Wire Brushes

for exterminating tent caterpillar nests. Price, 50c.

Spray Hose See page 76.

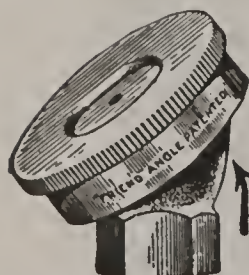
Japanese Beetle Traps

No. 0, small, less jar or bait, 35c.; 1 qt. Mason Jar, 10c.; Bait No. 10, 1 oz., granular, 15c.

No. 4. Regular recommended trap, less jar or bait, \$1.00. Mason Jar, 10c.; New Improved 2 qt. cage does not collect water and prevents odor, 35c.; Bait No. 11, 1 oz. Liquid with wick, 40c.

Spray Nozzles

Friend Nozzles. Large capacity. Made of brass, in either straight or angle neck, with steel disc, which can be removed and a new one inserted. Price for ¼-in. pipe, \$1.25; extra discs, 60c. dozen.



Friend Angle

Bordeaux Nozzle, especially well adapted for white-wash spraying, 90c.

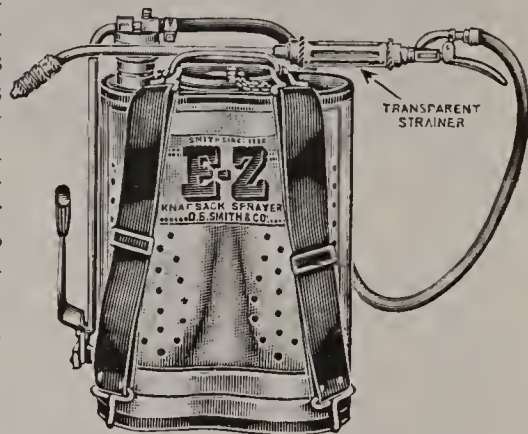
Vapor Bottle Spray

A small sprayer fitted on a one-pint bottle, but constructed of high-grade materials and on the same principles as large, best-made sprayers; therefore, delivers a fine mist so necessary for fungi and insect control. Price: \$1.25.

E-Z Knapsack Sprayer

This new, double-acting, 5-gallon, continuous sprayer requires only slow, easy pumping to build up 100 lbs. pressure. No rubber diaphragm to wear out. Seamless brass pump, easily removed for cleaning. All brass valves removable. Adjustable nozzle

for fine mist spray or 30 to 50 ft. long distance spray. Price, with galvanized tank, \$14.25; with copper tank, \$19.75.



Arnold Garden Hose Insecticide Sprayer

Attach to your hose; no pumping to do. Spray is fine and effective. Uses Insecticides or Fungicides in Cartridge form. Standard Sprayer, \$3.50; Special Sprayer, \$2.50; Cartridges—Pyrethrum, Rotenone or Nicotine, 30c. each; \$3.50 dozen. Arsenate of Lead, Sulphur or Bordeaux, 25c. each; \$3.00 dozen.

Feeney Model "BX" Duster



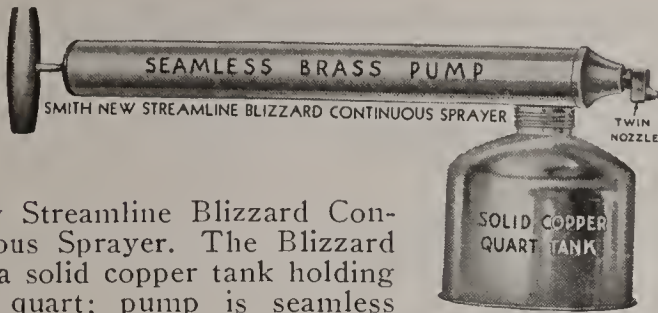
A great improvement in method of applying dust insecticides. Small, inexpensive, but large capacity. Price: BX with 12-in. extension, 80c. Model F, 1-qt. (24-in.), \$1.25. Style "D", 2-qt. capacity, \$2.25. Price postpaid within 150 miles; BX, 90c.; F, \$1.40; D, \$2.45.

Double Action Duster

A large capacity duster without gears or high speed parts. Double action, large bellows supply an even flow of dust with ease. The 44-inch discharge pipe, with adjustable spreader, will dust underneath close to the ground foliage or throw a cloud of dust 20 feet in the air. Capacity, 25 lbs.

Price: \$18.75





New Streamline Blizzard Continuous Sprayer. The Blizzard has a solid copper tank holding one quart; pump is seamless brass and has twin nozzle for straight or angle spray. The Blizzard is the finest sprayer obtainable. It gives a fine, mist-like continuous spray with slow easy pumping. Shipping weight, 2 lbs. Price: \$2.00.

No. 26 BG Continuous Sprayer. Brass pump-head, heavy tin tube with glass 1-qt. tank. Price, \$1.15. Shipping weight 2 lbs.

Lowell Ideal Sprayer

Ideal sprayers are strong, compact and handy, throw a good spray. Made in all tin, galvanized with tin tube, or all brass; length over all 20¼ inches.

No. 265.	Tin NuDay, 12-in., 1 pint	\$.35
No. 235.	Ideal, all tin, 1 quart .....	.40
No. 235G.	Ideal, galvanized tank, tin tube .....	.50
No. 235B.	Ideal, all brass .....	.75



National Eezy Wear Garden Gloves

Soft — Dirt Proof — Washable
All leather, dust-proof, soft as kid. Ideal gloves for men or women, made from select, imported leather. Economical, complete protection. Sizes:

Men's Small, Medium and Large	Ladies' Small, Medium and Large
Price: 75c. a pair, postpaid.	

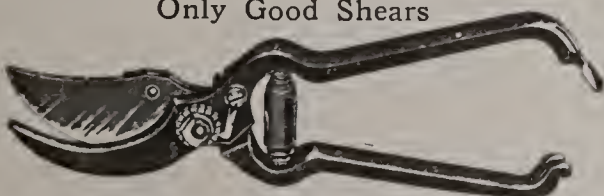
Kreme-Skin Garden Gloves

Kreme-Skin Gloves from cream treated and selected skins. Wear them for work or play. Sizes: Ladies', small, medium and large, \$1.00 per pair postpaid.

Pruning Saws

- Disston Duplex. Double edged, 18-in., \$1.65.
No. 15 Swivel, 14-in. blade, similar to a butcher's meat saw, \$2.10.
No. 50, California Pattern. Curved blade, 14-in., \$1.25.
No. 111. Curved blade, 10-in., with malleable iron socket for pole, \$2.20.
No. 32. 20-in., \$2.55; 24-in., \$3.00.
Shipping weight, pruning saws, 2 lbs. each.

Pruning Shears Only Good Shears



No. 4671, 8-in. ... \$.75	No. 808, Wiss \$2.25
No. 4671, 9-in. ... .85	No. 309, Wiss 2.85
No. 4673, 9-in. ... 1.35	No. 77-6, Ladies.. .60
No. 119, Snap-Cut 1.75	No. 541, Thinning .60

Tree Pruners

Bartlett. Blades and head of drop forged steel, a good strong pruner. Price:

12-ft.,	\$4.25
14-ft.,	\$4.50

Waters. The old well-known pattern, much lighter than the above. Price:

8-ft.,	\$1.60	10-ft.,	\$1.75
12-ft.,	\$1.90		



Hedge Shears

Wiss, 8-in., wood handle, \$2.75.

Wiss, 8-in., steel and wood handle, \$3.00.

Wiss, No. 6½B, \$1.25.

Border, No. 104..	\$5.25	Lawn, No. 106...	\$5.25
Border, No. 105..	5.75	Lawn, No. 1062..	6.50



Skilsaw Electric Hedge Trimmer



Electric Hedge Trimmer "Skilsaw" with 100 feet of cable	\$33.00
"Whiz" Electric Trimmer with 100 feet of cable	16.00
Little Wonder Hedge Trimmer, 30-in.	25.00

Lopping Shears — Grass Shears

Are economically used for the removal of branches too large for the ordinary pruning shears, being much quicker than the saw.

Clyde. A powerful shear; easily cuts a broomhandle. Price: \$3.25.

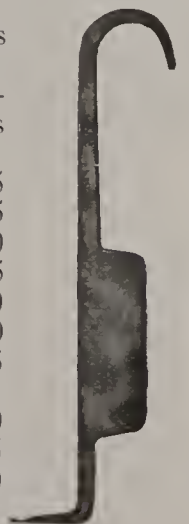
Tiffany Pruner. A high-grade, special steel lopping shear; easily cuts one-inch wood. Size 2, 24-in., \$3.00.

Disston, No. 7	\$3.25
Grass Shears, No. 357 .....	.75
Grass Snip, No. 117 .....	.80
Clean Clipper, No. 137	1.25
Doo-Klip	95c. and 1.50
Doo-Klip, Long handles	2.50
Crass Hook, No. 2, 75c.; No. 414 .....	.65
Scythes. Fine hammered steel.	
Blades, 32, 34 or 36-in.	2.00
Snathes. No. 50, Grass	1.75
No. 105, Bush	2.00

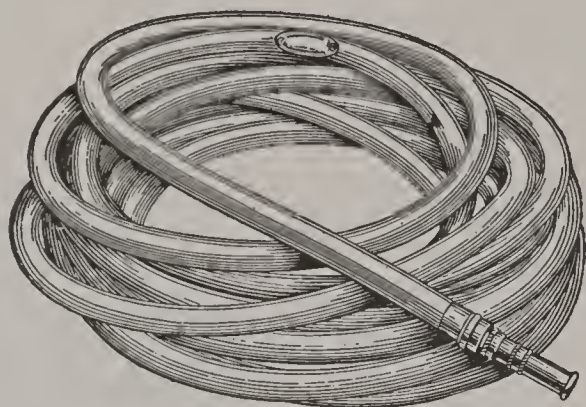
Grafting Blade

One piece of forged steel — practical, compact, convenient. The best made tool for tree work. Each, \$1.00.

Trowbridge's Grafting Wax. Per ¼-lb., 20c.; ½-lb., 30c.; lb., 50c.



Garden Hose



Platco Woven Hose. $\frac{3}{4}$ -inch. A high grade corrugated hose made like a cord tire. It is true economy to use Platco Hose in the greenhouse and on the lawn where a rugged, long-lived hose is desired. Price, in 25 or 50-foot lengths and over, coupled, at 17c. foot.

Vigilant. This is a $\frac{5}{8}$ -inch hose, and will carry about 80 to 90 per cent as much water as $\frac{3}{4}$ -inch. Because of its slightly smaller size it is economical to manufacture. An effort has been made to make this the biggest value in garden hose at the price. Equipped with standard $\frac{3}{4}$ -inch couplings. Price in 25 or 50-foot lengths, 12c. per foot.

Extra charge for coupling less than 25 ft., 25c.

Spray Pump Hose

We offer grades only which have been carefully made, especially for the purpose.

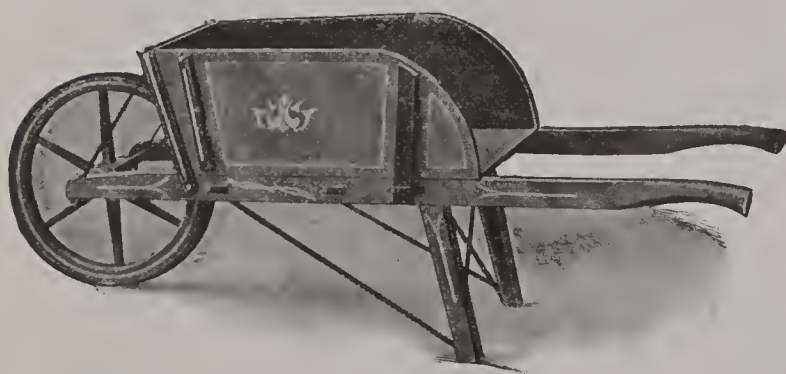
Non-Kink (600-lb. pressure). Spray, $\frac{1}{2}$ -in.
Per ft. 28c.

Milo Spray (200 lbs.). $\frac{3}{8}$ -in. Per ft. 11c.

For less than 25 feet, add 2c. per foot. Cut only in multiples of 5. Couplings extra; common, 50c.; high pressure, 90c.

All Metal Hose Reels

No. 585-1 holds 100 feet $\frac{3}{4}$ -inch hose. Has large drum. Weight 16 lbs. Price, \$4.35. Reeleasey, \$2.25. Detachable, attaches to sill cock, \$4.50.



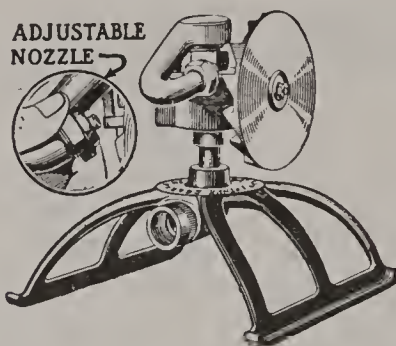
Garden Barrows

Made from the best seasoned timber. The end of the bottom is cut into the back sill, thus preventing the splitting or breaking of the bottom boards. The wheel has a cast-iron hub with white oak or ash spokes and rims. The axle is wrought iron, with turned arbors. The whole barrow is reinforced and braced, making it light and especially strong.

Buch's Garden Barrow. No. 3, \$6.75. No. 1, Large, \$9.50. No. 3, with rubber tires, \$12.85.

Home Barrow. Metal tray, \$4.85.

Double Rotary Lawn Sprinkler



A Double Rotary Sprinkler does the work of several smaller sprinklers. Even with moderate pressure it will cover an area 75 feet in diameter, gently and thoroughly. Can be set for large or small area in less than one

minute; no fine openings to clog; well and substantially made; especially valuable for golf greens and large lawns Price, \$12.50
Double Rotary, Jr. 7.50
Whirling Showers 1.75
Globe 1.50
Water Fans. Oscillating; covers a rectangular space 20 ft. wide by 35 to 45 ft. long 15.00

Fountain Lawn Spinkler

Very simple and practical. Made in the form of a brass ring. Can be drawn over the lawn on the hose without detaching, and keeps right side up. Price, 75c. each.

Elgin Lawn Sprinkler

One of the best small sprinklers even under low pressure. A perfect spray. No moving parts. Price, \$1.00

Soil-Soaker

Like all night rain. Water seeps through entire length gently. No spray. Made of treated canvas, one end screws to hose other end closed. Covers area several feet on all sides. No waste on walks. Made in three sizes. No. 0, 12 ft., \$1.25; No. 1, 18 ft., \$1.75; No. 2, 30 ft., \$2.75.



Rakes, Hoes, Spades and Shovels

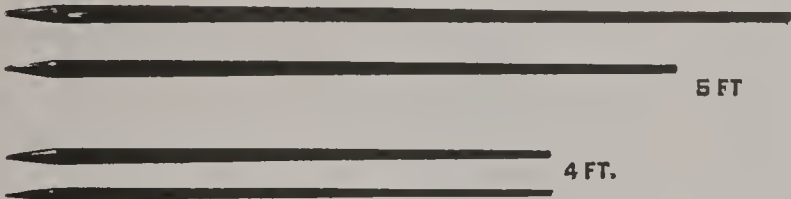
Wood Rakes, 14 tooth, 85c.; 28 tooth, \$1.00.
Steel Garden Rakes. 12 tooth, \$1.25; 14 tooth, \$1.30; 16 tooth, \$1.45; 18 tooth, \$1.65.
Bow Handle Steel Garden Rakes, 14 tooth, \$1.45.
Steel Spades and Shovels, long or short handles. Lee, \$1.75. Ames, \$1.95.
Steel Hoes, 6-in., \$1.15; Socket, 7-in., \$1.35; meadow, 8-in., \$1.55; 9-in., \$1.60.
Spading Forks, long or short handles, 4-tine, strapped, \$1.90; 5-tine, strapped, \$2.75.
Turf Edgers, Socket, \$1.25. No. 2 Planet, Jr., \$1.75.

Light, for Frail Plants

Each.	Per Doz.	Per 100
\$.10	\$ 1.05	\$ 8.00

Plant Stakes

6 FT.



Heavy, or Dahlia Stakes

Each.	Per Doz.	Per 100
\$.22	\$ 2.35	\$17.90
.18	1.90	14.60
.15	1.50	11.40
.12	1.20	8.60

Made for supporting frail plants, such as fuchias, carnations, tuberose, etc. They are round, taper to the top, and are painted green.

Cane Stakes, Bamboo

These are light and strong, uniform pencil thickness, dyed green, used extensively by florists.

2 ft.	per 1000, \$2.25; per 100, \$.30
4 ft.	5.50
6 ft.	12.00

Bamboo Tonkins. Natural color. Six feet long, 5/8-inch to 3/4-inch diameter, straight, strong and durable. Price, each, 5c.; 100, \$3.75. Eight feet, each, 6c.; 100, \$4.75.

Cedar Bean Poles

Good quality, heavy, 8 to 10 feet, sharpened, each, 20c.; doz., \$2.00; 100, \$15.00.

Garden and Pot Labels, Painted

Weight per 1000	Per Doz.	Per 100	Per 1000
4 1/2 inch, 4 lbs.	\$.05	\$.30	\$2.25
6 inch, 5 lbs. ....	.06	.35	2.65
8 inch, 13 lbs. ....	.10	.60	5.00
10 inch, 15 lbs. ....	.12	.70	6.00
12 inch, 19 lbs. ....	.18	1.00	9.00

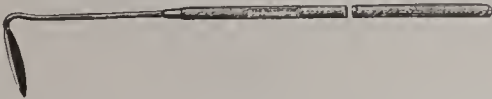
Postage extra.

Tree Labels, Painted

Tree Labels, Painted.. Notched and copper wired, 35c. per 100; \$2.50 per 1,000. Weight, 4 lbs. per 1,000.

Improved Copper Tree Label. Size 1, 3/4 x 3 3/4 inch, 25c. per doz., \$1.75 per 100.

LENGTH OVERALL — 4 FEET



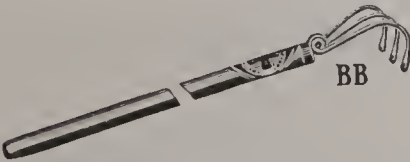
Handy Hoe. High quality materials and well made. Designed especially for rock gardens and among perennials. Price 65c.

Shuffle Hoe (English)

6 in.	7 in.	8 in.
90c.	\$1.00	\$1.10

Handle extra, 50c.

Ideal Weeder Price, each, 25c.



Magic Weeders

Style	Price
A—5 1/2-inch Handle, 3 tine ...	15c.
B—16-inch Handle, 3 tine ...	20c.
C—5 1/2-inch Handle, 4 tine ...	20c.
BB—36-inch Handle, 3 tine ...	30c.
F—42-inch Handle, 4 tine ...	65c.



Asparagus Knife or Weeder Price, 35c.

Dibber

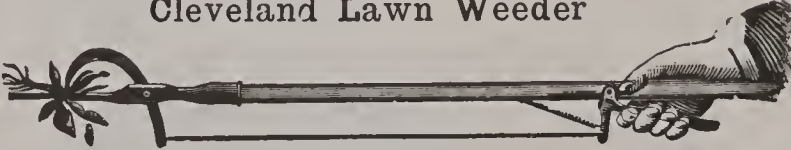
No. 218, wood with iron point, 65c. No. 2180, brass point, 90c. No. 226, all aluminum, 80c.

Garden Trowels



No. 800, 10c. No. 215, 15c. No. 212, 20c.
No. 211, 55c. Hoe Trowels, 60c. No. 217, Transplanting Trowel, 12c. Stainless Steel, \$1.50
Wall Nails. Francis (English). 1 1/2-inch, \$3.00 per 100; doz., 50c.

Cleveland Lawn Weeder



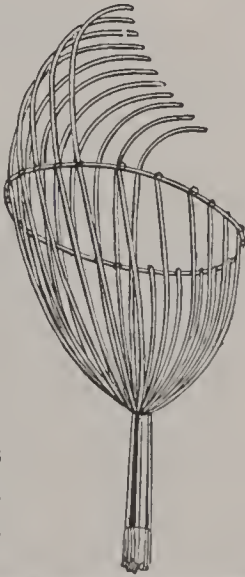
This little device gets at the root of the evil and removes it bodily. Price, \$1.25



Price, 25c.

Perfect Fruit Picker

Galvanized steel wire, attaches to pole of any length. Price, without pole, 50c. Price of 10-ft. pole, 50c.



“Out o’ Sight” Mole Trap

The secret of mole catching is a good trap and to know their habits. Full information sent with each trap. Price, each, \$1.25.

Thermometers

We carry in stock a complete line of thermometers suitable for use in greenhouses, poultry and general work.

5154S	8-in. Coppered Case, Distance Reading	\$.75
5400S	8-in. Tin Case, Japanned...	1.50
5420S	8 in. Tin Case Japanned...	1.00
5430S	8-in. Coppered Case	1.10
5440S	8-in. Tin Case .....	.25
5452S	10-in. Maximum and Minimum, Registering	7.00
5508S	10-in. Minimum Registering.	1.25
5981	15-in. Hot Bed	3.00

Incubator or Brooder, see Poultry Supplies



Putty Bulb

Price, \$1.25 each

Garden Reels

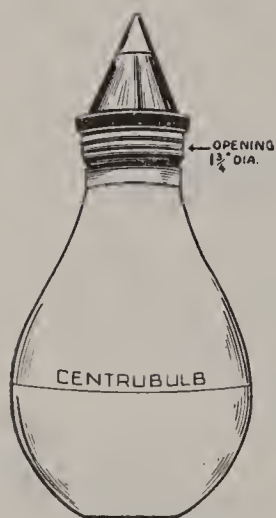
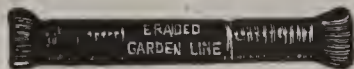
Iron Japanned (two arms), medium size, \$1.10 each.



Garden Line

No. 4

Braided 48 ft., 35c.



PUTTY BULB

Jute Tying Twine

Two, three or five-ply, 15c.; per 8-oz. Ball, 25c. per pound.

Many ends vegetable twine, 2 or 3-ply Jute, on reels of about 50 lbs. each. Write for market prices.

Mastica

For glazing greenhouses, sashes, etc. Elastic, adhesive and easy to apply. Far superior to putty. One gallon will cover about 300 running feet, one side. Price per gallon, \$2.50. Machines for applying Mastica, \$2.75 each.

Watering Pots



Quart	Heavy Galvanized
4	\$.70
6 .....	.80
8 .....	.95
12	1.20
16	1.45

Parlor. Tin, painted bright colors. Long, small spout. 2-quart, \$1.00.

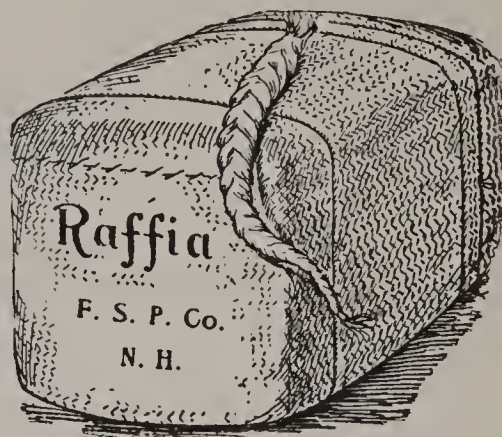
Wotherspoon Watering Pots. Extra heavy and long spout, for greenhouse use.

	Round	Oval
8 quart	\$ 5.00	\$ 6.00
12 quart	6.00	7.00

Raffia

For tying plants, budding, etc., Raffia does not shrink, is superior to twine for buching asparagus, celery, radish, cress, etc.

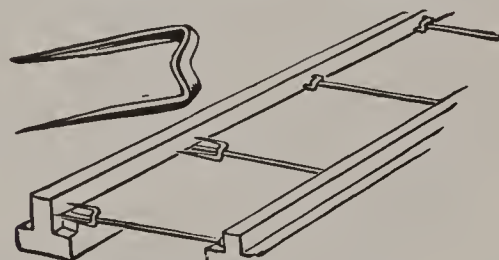
Price per lb., 30c.



Twist-Ems

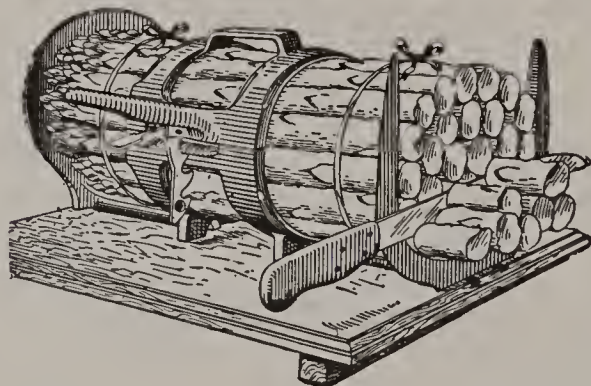
Dark green, strong tapes with wire reinforcing that make perfect plant ties. Box of 250, 4-inch size, 25c.; box of 125, 8-inch size, 25c.

Zinco Glazier Points



Made of steel wire and galvanized. Three sizes: No. 1 for small single thick; No. 2 for medium double thick; No. 2½ for large double thick glass. Per box of 1,000, 50c.; lots of 5,000 by express, 45c. per 1,000.

Acme Asparagus Buncher

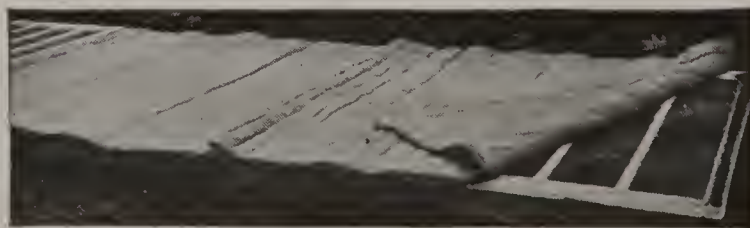


A great help to make bunches uniform and neat. Price No. 1, for 1-lb. bunches \$3.85
Price No. 2, for 2-lb. bunches 3.85

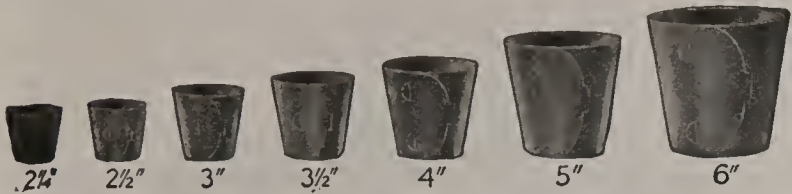
Hot Bed Sash — Regular

3 ft. 2 in. x 6 ft. Glazed, \$5.00. Painted one coat.

Hot Bed Mats



Burlap exterior with felt filling, securely quilted and bound. An excellent winter covering for hot-beds, cold frames, in fact, anything requiring a heavy mat covering for winter protection, 76 x 76 inches, \$2.00 each; \$22.00 per dozen. Duck, one side, 76 x 76 inches, \$3.50 each; \$40.00 per dozen.



“Neponset” Paper Flower Pots

Red for Shipping. Green for Growing.

Size in.	Weight per 1000	Per 1000	Per 100	Per 1000
2 1/4	12 lbs.	\$3.40	\$.70	\$6.00
2 1/2	16 lbs.	3.50	.75	6.40
3	24 lbs.	4.25	.85	7.40
3 1/2	34 lbs.	5.30	1.10	9.90
4	46 lbs.	6.70	1.25	11.65
5	74 lbs.	9.00		
6	102 lbs.	11.90		

NOTE: As red neponset pots are usually used only by commercial growers for shipping, they are sold in full cartons only. Sizes 2 1/4 to 3 1/2 inch packed 1000 per carton. Sizes 4, 5, 6 inch packed 500 per carton.

Add for postage according to weight.

Standard Flower Pots

In.	Per 1000	Per 10	Ea.	In.	Per 100	Per 10	Ea.
2	\$12.00	\$.12	\$.02	8	\$19.50	\$2.00	\$.22
2 1/4	12.75	.15	.02	9	30.00	3.25	.35
2 1/2	15.00	.18	.02	10	40.50	4.25	.45
3	19.50	.22	.03	11	60.00	6.25	.65
3 1/2	24.00	.25	.03	12	82.50	8.50	.85
4	30.00	.35	.04	14	135.00	13.50	1.35
5	54.00	.55	.06	16	300.00	30.00	3.00
6	81.00	.90	.10				
7	135.00	1.40	.15				

Saucers

Inches	Per 100	Per 10	Each
4	\$2.25	\$.30	\$.03
5	3.00	.36	.04
6	4.50	.50	.05
7	6.75	.65	.07
8	9.50	.85	.10
9	12.50	1.25	.13
10	20.00	2.00	.20
12	30.00	3.00	.30

Bulb Pans

Inches	Per 100	Per 10	Each
6	\$8.10	\$.90	\$.10
7	13.50	1.40	.15
8	19.50	2.00	.22
9	30.00	3.25	.35
10	40.50	4.25	.45
12	82.50	8.50	.85

Fern Pans

Inches	Per 100	Per 10	Each
4 3/4	\$8.00	\$.80	\$.10
5 1/2	10.00	1.00	.12
6 1/4	12.00	1.20	.14
7	14.00	1.40	.16
8	20.00	2.00	.22

Azalea Pots

Inches	Per 100	Per 10	Each
4	\$3.00	\$.35	\$.04
5	5.40	.55	.06
6	8.10	.90	.10
7	13.50	1.40	.15
8	19.50	2.00	.22
9	30.00	3.25	.35
10	40.50	4.25	.45

Osmo Water Mats

Placed in saucer under potted plant, it acts like a wick, the soil will not become soaked or dry out. Makes house plants thrive. Three sizes, 3 1/2-inch, 20c.; 4 1/2-inch, 25c.; 6-inch, 30c. Mat with green, non-rusting metal saucer, small, 35c.; medium, 40c.; large, 50c.



White Cedar Tubs

Painted Green, with Feet

No. 1	12 inches	top diameter inside...	\$2.25
No. 2	13	" " " "	2.75
No. 3	14 1/2	" " " "	3.50
No. 3 1/2	16 1/2	" " " "	4.50
No. 4	19 1/2	" " " "	5.00
No. 5	22	" " " "	6.25

Growers' Tubs

A good strong tub, lighter in weight than above; without feet or handles.

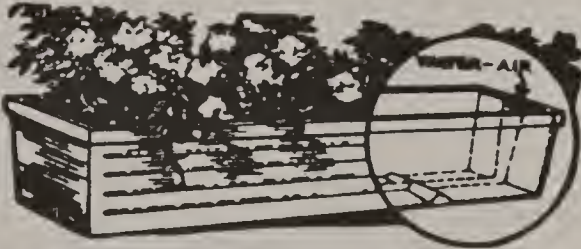
No. 5	10 inches,	top diameter inside...	\$.75
No. 6	11	" " " "	.95
No. 7	12	" " " "	1.15
No. 8	13	" " " "	1.45

Success Flower Boxes



Galvanized, painted green, and with patented lip so that it may be watered from the bottom to avoid surface soil hardening. Price: 24-inch, \$1.00; 36-inch, \$1.95.

Perfecto Flower Boxes



Perfecto Flower Boxes are new, self-irrigating, air-circulating and draining; attractively finished and, most important, grow vigorous plants. All sizes are 6 inches wide by 7 inches deep. Prices: 20-inch, \$1.15; 26-inch, \$1.40; 32-inch, \$1.60; 38-inch, \$2.50; 44-inch, \$3.00.



Germāco Hotkaps
New Method of Plant Protection

Hotkaps protect plants from frost, wind, rain and ground crusting. They produce quicker crops. You get higher prices. Thousands were used in 48 states last year. They cost so little that growers cannot afford to be without them. Price: 1,000 per pkg., \$10.75; 5,000 lots, \$10.50; 10,000 lots, \$10.25. Steel Hotkap Setter, \$1.50. Trial pkg. of 250 Hotkaps, including garden type setter, \$4.00; per pkg. of 100 and garden type setter, \$2.75. Home Garden Pkg., 25 Hotkaps and Cardboard Setter, 50c.

Postage or Express extra. Weight 28 lbs. per 1,000.

Garden Books

FOR THE AMATEUR OR PROFESSIONAL

Written by experts, the contents are dependable, covering subjects lucidly, thoroughly and yet concisely. Splendidly illustrated, well printed and well bound. Add 15 cents for postage. Descriptive booklet sent free upon request.

The Book of Annuals, by Alfred C. Hottes. Complete manual (180 pages, 158 illustrations) with full directions for culture and use of over 100 species. Cloth, \$1.50.

The Book of Perennials, by Alfred C. Hottes. Discusses over 125 separate species, together with culture and requirements. 280 pages. Cloth, \$2.00.

Rock Garden Primer, by Archie Thornton. Site, construction, formation and plantings in a 152-page, illustrated book. Cloth, \$2.00.

Garden Guide. Cyclopedia of Gardening covering every step from spading the ground to harvest. (576 pages, 300 illustrations). Cloth, \$2.00.

1001 Garden Questions Answered, by Alfred C. Hottes. 330 pages, up-to-date information for securing quick answers to garden questions. Cloth, \$2.00.

Practical Vegetable Culture, by Albert E. Wilkinson. Covers all phases of vegetable culture from sowing seed to harvest, and innumerable garden plans. 308 pages. Cloth, \$2.00.

The Book of Bulbs, by F. F. Rockwell. Complete, practical guide of 264 pages, with illustrations and instructive drawings. Cloth, \$2.00.

Rose Garden Primer, by Eber Holmes. Contents: Origin, history, varieties, planting requirements, pruning, propagation and other topics. 224 pages. Cloth, \$1.50.

Plant Propagation, by A. C. Hottes. 238 pages, 136 illustrations. Cloth, \$2.00.

The Woman's Flower Garden, by Jane Leslie Kift. 160 pages, numerous illustrations, on large and small gardens, indoor and outdoor. Cloth, \$1.25.

Success with House Plants, by Kift and Hedenberg. 80 pages of instructive, plain statements. 75 cents.

Birds of the Wild, by Frank C. Pellet. Story of personal experiences and observations over a period of 20 years. 128 pages. Illustrated. Cloth, \$1.00.

Color and Succession of Bloom in the Flower Border, by H. S. Ortloff and H. B. Raymore. 232 pages discussing plantings and relation to landscape scheme, color harmony, contrast and balance. Color chart of 14 basic colors. Cloth, \$2.50.

Plant Names, by T. S. Lindsay. English. 100 pages. History and Principles, Pronunciation and Spelling. Descriptive, Specific, Fancy, Latin Names, etc. Cloth, \$1.00.

The Book of Shrubs, by A. C. Hottes. 440 pages. Full details of care, culture, soil and pruning of shrubs, evergreens and hedges. Suggestions for combinations and effective foundation plantings. Cloth, \$3.00.

Soilless Growth of Plants. Ellis and Swaney. 155 pages. \$2.75.

The Book of Garden Magic

A practical loose-leaf manual and scrap book with monthly calendars and double indexed for instant reference. The author's (R. E. Biles) concise, but complete text is followed by quick reference charts by national experts. This book covers the subject of amateur gardening, with hundreds of clear illustrations to convey details at a glance. Price \$3.50. Send for complete description.



Flower Bed and Lawn Guard

Constructed of heavy galvanized steel wire. Prices are per linear foot. 12-inch, 6c.

Dunham Roller-Bearing Water Ballast Lawn Rollers



No. 5—Roller Bearing. 18 x 24 inch, with no tip handle lock, \$14.00.

No. 7—Roller Bearing. 24 x 24 inch, with no tip handle lock, \$18.25.

No. 2—Plain Bearing. 14 x 24 inch, \$10.25.

No. 4—Plain Bearing. 18 x 24 inch, \$11.75.

Fertilizer Distributors

Masters, No. M180, 18-inch, \$11.00; M241, 24-inch, \$16.00; M361, 36-inch, \$22.75. Other models, 75c. to \$3.15 and \$6.45.

Spike Tamp

Spike Tamp: \$4.50.

Grass Catchers, Perfection

No. 306 (fits 16 to 20-inch) \$1.25
No. 301 (fits 14 to 16-inch) 1.00

Gator-Hide Mulch Paper

Mulch Paper conserves moisture and stimulates growth. A circular giving more information will be gladly sent if requested. Price and contents per roll are:

	Width	Length	Price, roll
B (Heavy weight)...	36 in.	450 ft.	\$4.00

For the Birds

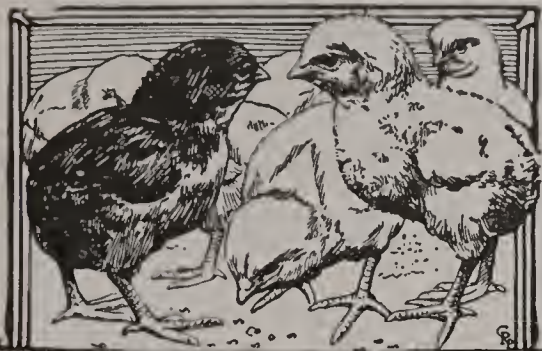
Canary and Rape. Recleaned, sweet and fresh mixed in proportion two-thirds canary and one-third rape seed. Per pt., 15c.; qt., 25c.

	Pint	Quart
Best Sicily Canary Seed...	15c.	25c.
German Rape	15c.	25c.
Mixed Parrot	15c.	25c.
Millet, American		15c.
Hemp Seed		20c.
Sunflower Seed		15c.
Maw Seed (Poppy).....per lb.		25c.
Thistle Seed	per lb.	30c.
Padda, or Unhulled Rice	per qt.	20c.
Bird Pep	per roll,	10c.
Bird Gravel	per qt. box,	13c.
Cuttle Fish	each, 5c.; per lb.	75c.
Burnett's Song Restorer	per bottle,	25c.
Burnett's Bird Tonic	per bottle,	15c.
Fish Food, Wafer	per pkg.	10c.
Fish Food, Natural	1 tin box,	10c.
Wild Bird Food, special mixture	3 lbs.	25c.
6½ lbs., 50c.; 14 lbs., \$1.00. Postage Extra.		



Poultry Supply Department

The following is a list of the most useful articles for the practical and successful poultry keeper. Look through this list. No matter how few chickens you keep, you will find labor and time-saving appliances.



A Vital Subject

Buckeye Incubators

Scientifically designed to hatch every hatchable egg

Prices sent on request. Other makes as Reliable and Oakes also available.

Oakes Electric Incubator

Hatches domestic or game bird eggs; also fowl such as hen, turkey, duck or goose. Made of metal, is insulated, has thermostat control, thermo-



meter, candler, brooder curtain and legs for use as a brooder after hatching.

No. 87—60 Hen egg capacity \$15.50
No. 88—100 Hen egg capacity 18.00

Liv-an- Gro Brooder

Made of heavy corrugated board, waterproofed. Successful brooding in confinement made possible by a wire bottom. Electrically operated. Capacity 35 to 40 chicks. Price: \$1.95 with heater.

Metal Brooder—larger than the above with dropping pan. Price: \$3.25.

Cyclone Electric Battery Brooder

Built of heavy rust-resisting galvanized steel and wire. Automatic air and heat control. Single drawer unit with legs. 125 day-old chicks. Price \$12.50.

BABY CHICKS

Connecticut-Pullorum Clean Chicks

Clean Chicks from State Tested Flocks

These Chicks are from stock that has passed two consecutive tests at least six months apart by the tube agglutination method, made under supervision of the Commissioner on Domestic Animals, with no positive reactors found, and classed as "Pullorum-Clean from Bacillary White Diarrhoea".

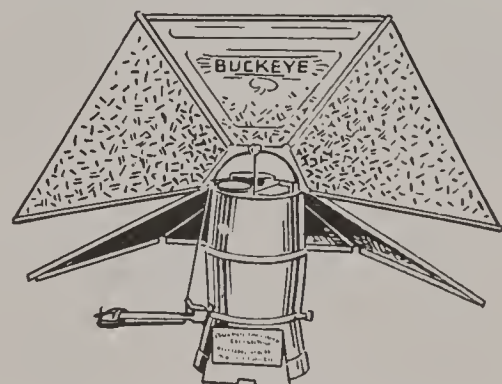
Rhode Island Reds
Barred Plymouth Rocks
White Leghorns
White Rocks
New Hampshires
Rock Red Crosses

Write for
prices

Our contracts with the breeders are for a certain number each week and there will be no surplus to draw on for that week. A 25% deposit with your order will insure your getting them when wanted.

Buckeye Standard Colony Brooder

A remarkably efficient coal-burning brooder. A brooder that provides a constant, correct temperature, and a constant supply of pure, fresh air.



No. 118B 500 Chick—54 in. Canopy... \$19.50
No. 119B 1,000 Chick—62 in. Canopy... 23.00
No. 120B 1,200 Chick—62 in. Canopy... 26.50

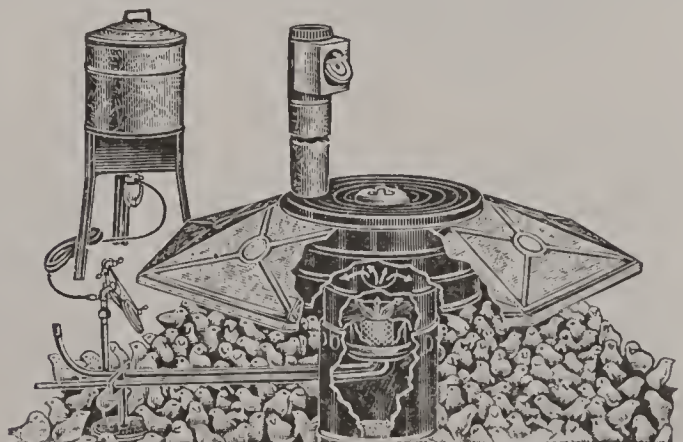
Cyclone Koal King Brooders

No. 534—500 Chick—52 inch Canopy.... \$17.50
No. 539—1000 Chick—56 inch Canopy.... 21.00

Oakes Oil Brooder

No-Cold De Luxe

Large heater drum for heat radiation. Air-fed burner provides soot and carbon-free combustion.



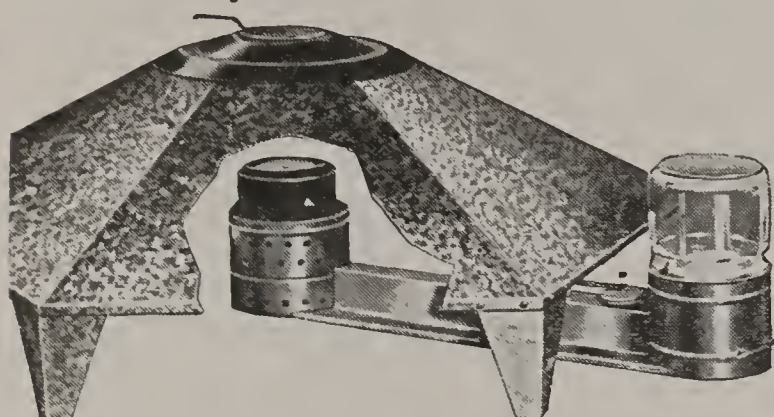
Automatic regulator. Burns 1 to 3 gallons of fuel in twenty-four hours in average weather. Complete with fuel tank stand.

No. 548S 300 to 350 Chick—48 in. Canopy \$19.50
No. 560S 350 to 500 Chick—60 in. Canopy 20.85

Oakes Tom Thumb Oil Brooder

All steel drum and canopy. 42-inch canopy, 200 chick, \$9.95.

Buckeye Blue Flame Oil Brooder



A good, sturdily built, automatically controlled brooder, equipped with a giant type burner to provide an abundance of heat. With automatic thermostat control.

No. 336	100 chick capacity, 36" canopy,	\$10.40
No. 347	350 chick capacity, 47" canopy,	11.25
No. 357	500 chick capacity, 57" canopy,	12.05

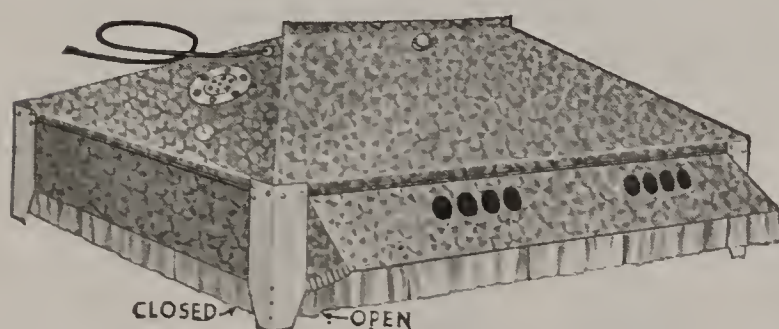
Putnam Brooder Heater

This heater requires filling but once a week, and no further attention. The construction of the brooder acts like an open fireplace, carrying the foul air out and drawing fresh air in. Capacity, 25 to 50 chicks. Price: \$4.75.

Oakes Electric Brooder

A trouble free Electric Brooder for 50-60 chicks. Uses 60-100 watt bulb for heat. Made of heavy galvanized steel. Canvas curtain to retain heat. Price \$2.40.

Cyclone Electric Brooder



Entails new features in Electric Brooding; raises more and better Chicks at less cost; has expansion hover, dual insulation, even heat radiation, and is factory tested to insure performance.

No. 175A	150 Chick capacity	\$9.90
No. 300	300 Chick capacity	23.50
No. 500	500 Chick capacity	29.50

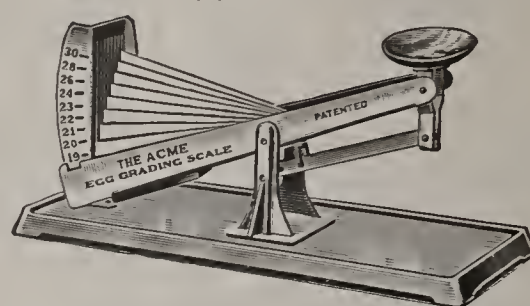
Electric Egg Candles

RELIABLE

Simple and quick in action. Shows defects at a glance. Can be used in daylight. Price, \$1.50.



Acme Egg Grading Scale



AUTOMATIC — ACCURATE

The Acme Egg-Grading Scale is made entirely of aluminum, which makes it rust-proof and practically indestructible. Every part is accurately made and carefully tested and will meet the requirements of any state bureau of weights and measures. Price: \$2.35 each.

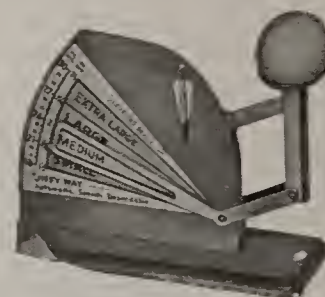
No. 1 Graduated. (16-18-20-22-24-26-28-30-32 ozs.)

No. 3 Graduated. (19-20-21-22-23-24-26-28-30 ozs.)

Jiffy-Way Egg Scale

A new stream-line design with colored zone dial, showing correct weight and grade. Freedom from use of springs, combined with the leveling device, gives perfect accuracy.

No. 517, \$1.50.



Incubator and Brooder Supplies

Incubator Lamp Bowls	.....each	\$1.00
Burners, No. 2, sun hinge, 1-in. wick	.....	.50
Burners, No. 32, sun hinge, 1-in. wick	.....	.50
Burners, No. 30, sun hinge, 1½-in. wick	....	.75
Burners, Buckeye, Gas, incubators, brooders		2.00
Heater Lamps complete	.....	\$1.00; 1.20
Lamp Wicks, 7/8-in., 3 for 5c.; 1½-in., 2 for		.05
1½-in.	.....	.05
Lamp Wicks, Red felt. 7/8-in., 5c.; 1½-in.	....	.07
Lamp Wicks, Putnam Brooder, 15c.; Stove	..	.10
Chick Pinch (Petty)	.....	.25
Thermometers, No. 5776, "Tycos" Incubator		.75
Thermometers, Brooder	.....	25c.; 35c.; .50
Thermometers, No. 120, Incubator, standing		.60
Thermometers, Buckeye, Incubator	.....	1.00
Thermometers, International Hover	.....	.50
Wicks, Buckeye Oil Brooder, No. 27A	.....	.35
Nos. 28A and 29A	.....	.50
Buckeye Egg Tester	.....	.50

Wafer Thermostats



3-in.—1½-in. plain stud, 25c.;	
1½-in. screw; 1½-in. screw,	
3/8-in. flat stud; 1½-in. screw,	
1½-in. threaded socket.	
Each, 30c.	
4-in.—1½-in. screw, ¼-in. cup socket....	Each, 40c.
5-in.—1½-in. screw	.....Each, 60c.



Platt's Poultry Feeds

There is today no subject of more vital importance to poultry-keepers than how to get the maximum number of eggs from their flocks, and how to raise baby chicks properly.

Platco Dry Mash and Scratch Feed

Platco Laying and Growing Mash is a mixture compounded from the formula recommended by the Cornell Poultry Experiment Station. Several years ago we tested a flock of pullets with this mixture for one year, and the results were such that we immediately started manufacturing it. It has given marvelous results as a Growing Food, owing to its high protein content.

Scratch Feed is composed of the highest quality of clean, sound grain, mixed from formulas to balance our mash.

Yeast with Cod Liver Oil

Supplies vitamins A, B and D, the health-giving forces that insure chick health. Increases size of eggs, strength of shell, production and fertility in breeding. Processed so that the A and D vitamins in the oil do not lose their potency.

Packages, 1 lb., 50c.; 2 lbs., 90c.; 5 lbs., \$1.60; drums, 25 lbs., \$5.45; 50 lbs., \$9.75.

Pure Norwegian Cod Liver Oil. Double tested for vitamins A and D. Quart, 50c.; gallon, \$1.45; 5 gallons, \$5.95.



Beacon Poultry Feeds

Beacon Feeds are made and sold on a basis of the very best in quality of materials and formulas of very high analysis. Science and knowledge has been combined in the manufacture of these feeds, so that each Beacon Product exactly meets the need for which it is adapted and produces the very best results in growth and production.

Starting, Growing and Egg Mash, Scratch Grains and other Beacon Products



STARTING FEEDS

Beacon
Conkey's

GROWING MASHES

Beacon
Conkey's

LAYING MASH

Arcady

SCRATCH GRAINS

Arcady

RABBIT RATIONS

Arcady Chow
(complete)
Beacon Pellets

PIGEON FEEDS

Beacon
Lancaster

TURKEY FEED

Beacon

GROWING GRAINS

Chick
Intermediate

CORN PRODUCTS

Cracked Corn
Whole Corn
Corn Meal

GOAT FEED

Beacon

POULTRY LITTER

Peat Moss
Sugar Cane

GRIT AND SHELL

Granite Grit
Pilot Brand
Oyster Shells



Conkey's
TRADE MARK
THE ORIGINAL
**Buttermilk
STARTING FEED**



Now Contains
CONKEY'S Y-O
(Yeast with Cod Liver Oil)



OWING TO MARKET FLUCTUATIONS PRICES OF FEEDS ARE SUBJECT TO CHANGE

Cyclone Chick Feeder

Made of Galvanized, rust-proof sheet iron, with 4 fan metal reel and no waste edge.

12-in. size, 12c. 24-in. size, 24c.

Cyclone Chick Fount

Made of heavy galvanized iron with snap-on bottom. Special deep, narrow pan for chicks. A good, inexpensive fount. Price: 1 gal. size, 60c.; 2 gal., 90c.

**Royal Fount**

Made from heavy galvanized iron. Double tank construction. Top fill; grown fowls or chicks can drink all around.

Capacity:

3 gallons \$1.85

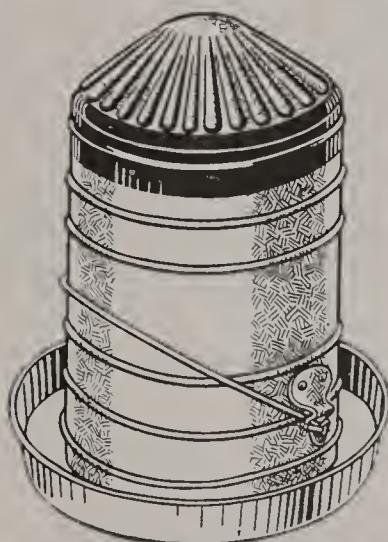
5 gallons 2.50

Add 25c. for Wire Fount Stand.

With Kerosene Heater

3 gallons \$3.25

5 gallons 4.10

**Cyclone Chick Fountain**

New, improved design. Sanitary, perch-proof top, spring valve, interlocking cylinder. Easy to clean, fill and carry — no overflowing. 2 gal., with wire Hi-Lo Stand, \$1.35; 3 gal., \$2.10; 5 gal., \$2.65; 8 gal., \$3.50; 10 gal., \$3.90.

**Perch Stand**

Made with 3 iron legs and 8-sided wood perch. Used with regular Heaters for Cyclone and Royal Founts. Price: \$1.50.

Grill Waterer or Feeder

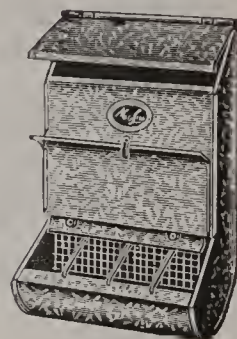
A long life galvanized pan, equipped with galvanized wire guard easily detached. Used with Trumbull Water Warmer. Price: 14 qts., \$1.40; 20 qts., \$1.75; Also one-piece pan fount, 14 qt., \$1.55; 20 qt., \$2.00.

Self-Feeding Boxes

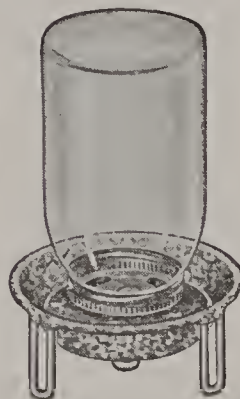
Three compartments, each holding about three pints, for grit, shell and charcoal. Price: No. 103, 8-in., 85c.; No. 124, 24-in., \$1.75.

Improved Handy Dry Mash Hopper

Has an adjustable grid for fine or coarse mash. The flange on each side and wires extending to grid prevents birds throwing feed sideways out of the hopper. Price: No. 36, 12-in., \$1.50.

**Fountain Oil Heaters**

Used with Cyclone and Royal Founts, and Perch Stands. Made of galvanized iron, complete with Lamp. Two sizes, \$1.40 and \$1.60.

Mason Jar Chick Founts

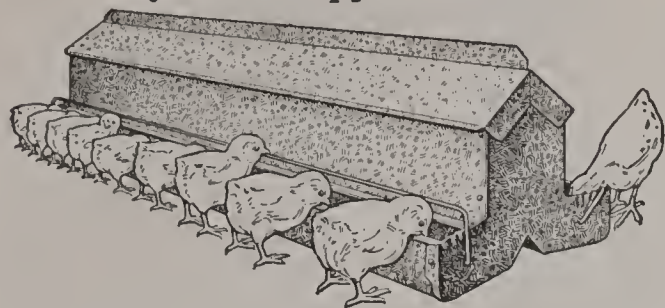
Fits all sizes of Mason Jars. Screw on type, glass fount for milk; galvanized for water, with or without sanitary legs. Glass, 12c.; 2 for 20c.; Galvanized, 10c.; 3 for 25c.; Galvanized, with legs, 12c.; 2 for 20c.

Wall Fount

One of the most popular styles of drinking founts, convenient, sanitary and made from heavy galvanized iron. Price: 4-qt., 90c.; 8-qt., \$1.10.

**Cyclone Poultry Pail Fountain**

A new type of Waterer that is easy to handle and keep clean. The double-acting float valve maintains a correct level in drinking pan. Removable pan and cover; made like regular water pail. Prices: 3 gal., \$1.75; 5 gal., \$2.50; 8 gal., \$3.50; 5 gal., equipped with kerosene heater base with heater, \$3.90; 8 gal., \$5.10.

Cyclone Hopper Feeder

Feeds Chicks from start to maturity. Exclusive patented features make this feeder outstanding as an efficient feed saver. Prices: 30 in., \$1.35; 40 in., \$1.75.

Seamless Cage Cups

Used for feed and water in exhibition coops. Made of heavy terne plate. Price: ½-pt. size, 15c. each; 2 for 25c.

DeLuxe Pullet Feeder

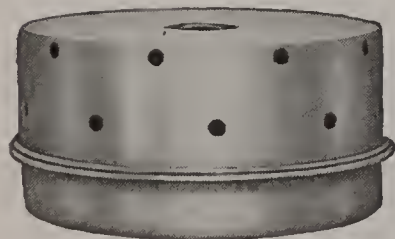
A sturdy built feeder equipped with adjustable iron legs, used for growing stocks, hens, turkeys and ducks. Feeder is 4 inches high and 7 inches wide, with hinged grill. No. 461—5 feet long, \$2.40.

Trumbull Automatic Water Warmer

A complete unit (built-in thermostat), use in open founts. Keeps water at correct temperature, 50° F. Costs about 2c. per day to operate. Price: \$3.00.

Makomb Heater No. 27

For use in troughs of 5, 8 and 10 gallon founts. Price \$3.00.

Little Putnam Stove

Used under the fountain to keep the water from freezing. This stove is absolutely fire-safe and non-explosive. Price: galvanized, \$2.00 each.

Sanitary Stoneware Founts

Thoroughly glazed inside and outside. Being made in two parts, they can be easily cleaned. Will never rust, but will keep water pure, clean and cool.

Price: 1-qt., 40c.; 2-qt., 50c.; 4-qt., one hole opening, 60c.; two hole opening, 65c.

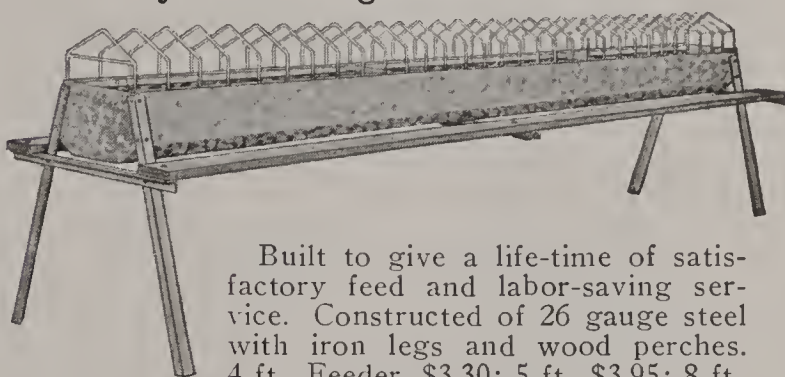


SANITARY TWO-PIECE

Chick and Broiler, Reel and Grill Feeders

Good capacity and design, of sturdy construction, sanitary. Double reel adjustment, with no waste edge. Feeder is 4 in. wide and 2 in. deep, equipped with practical stand. The Stand-Rite Adjustable Ends give 4 feeding heights, from Baby Chick to Growing stage, giving double use. Metal Reel: 36 in., 60c.; 48 in., 85c.; Wood Reel: 24 in., 40c.; 36 in., 50c.

Broiler Feeder, extra heavy, 48 in. long, 4 in. deep and 5 in. wide. Metal reel, or Single Hinged Grill. Price: \$1.20 and \$1.35.

Cyclone Longfellow Feeder

Built to give a life-time of satisfactory feed and labor-saving service. Constructed of 26 gauge steel with iron legs and wood perches. 4 ft. Feeder, \$3.30; 5 ft., \$3.95; 8 ft., \$5.75. Available also without perches, 9-in. iron legs. No. 405S—5 ft., \$2.75; No. 408S—8 ft., \$3.95.

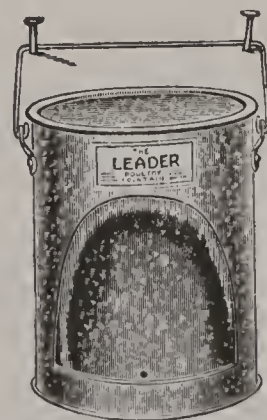
Longfellow Waterer, like the above, 4 ft. with Oil heater, \$7.50; without heater, \$4.75; Electric, \$9.75.

Leader Founts

A new Sanitary Fountain. Easy to keep clean. Made of heavy galvanized iron in two pieces. The three-gallon size has two drinking spaces.

One and one-half gallon size, price, 85c.

Three gallon size, price, \$1.50.

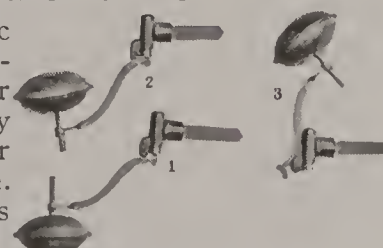
**Poultry House Scraper**

A real tool for cleaning dropping boards, with curved blade 15 in. long and 3½ in. deep, made from fifteen gauge carbon steel. Handle is 6 ft. long, attached with a double braced bracket. Price: \$1.00. 12 in. Scraper, 75c.

Float Water Valve

A perfect automatic valve and float for regulating the flow of water in faucets, made entirely of brass; threaded for ½-in. and ¼-in. pipe. Can be used in various positions. Each, \$1.00.

Other makes at 85c., \$1.00, and \$1.15.





**Instead of
Fragile Glass
use Unbreakable
CEL-O-GLASS**

No more broken chicken house windows when you use CEL-O-GLASS. This material is far better than glass because it is very light in weight, weatherproof and cold proof and is absolutely unbreakable.

CEL-O-GLASS lets in practically as much light as clear glass. It spreads the light evenly so that there are no dark shadows anywhere. It breaks up the direct sun rays and diffuses the light, and for this reason variation in temperature is reduced to a minimum.

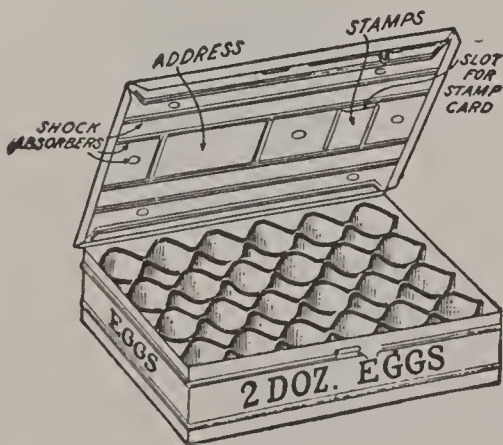
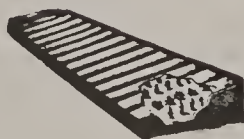
Full rolls are 100 lineal feet, 28 and 36 inches wide. Price: full rolls, 12c. per sq. ft.; less than full rolls, 13c. per sq. ft., F. O. B. New Haven. Circular mailed upon request.

Waterproof Sheeting

1 yard wide, 22c. a yard.

Glass Cloth

Glass Cloth is a cloth—a glass substitute. It is translucent, flexible, unbreakable, weather-proof, washable, and an insulator against the cold. For use in poultry houses, hot beds, etc., 36 in. wide. Prices: 1 yd., 30c.; 5-yd. roll, \$1.45; 10 yds., \$2.80; 15 yds., \$4.05; 100 yds., \$26.00.

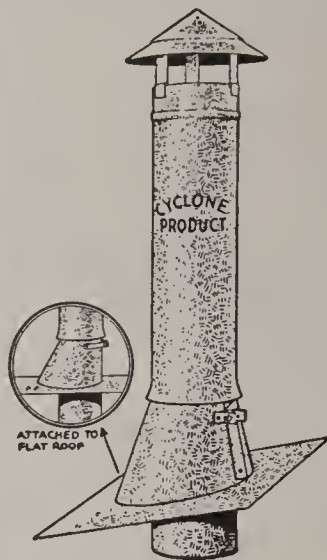


Metal Egg Crates

Solve the problem of shipping eggs by parcel post. These have shock absorbers to give a cushion for the eggs.

12-egg size	\$1.00	Postage empty 10c.
18-egg size	1.25	Postage empty 11c.
24-egg size	1.50	Postage empty 12c.
36-egg size	1.75	Postage empty 12c.
48-egg size	2.00	Postage empty 13c.
72-egg size	2.50	Postage empty 14c.
108-egg size	3.25	Postage empty 16c.
144-egg size	4.00	Postage empty 18c.
180-egg size	4.75	Up to 150 miles.

Include postage charges if to come by mail.



Adjustable Roof Saddles, Brooder Pipe and Rain Caps

Made of best galvanized material. Furnished with 24 inches of pipe. Adjustable to any slope; clamps around pipe making the joints water tight. For 4-in. pipe, \$1.30; 5-in. pipe, \$1.50. Stove Pipe, 24 in. long, 3-in. size, 25c.; 4-in. size, 30c.; 5-in. size, 35c.

Parcel Post Egg Boxes

The maximum of lightness and great strength combined. Made of corrugated fibre boxboard.

	Price each	Price per 10.	Weight per doz.
1 doz.	\$.12	\$1.10	8 lbs.
2 doz. ....	.16	1.50	10 lbs.
3 doz. ....	.18	1.70	14 lbs.
4 doz. ....	.20	1.90	18 lbs.
5 doz. ....	.24	2.30	21 lbs.

Include postage if to come by mail.

Chick Boxes

Shipping Chick Boxes. Hinde and Dauch, 25 chicks, 14c. each; 50 chicks, 19c. each; 100 chicks, 25c. each. Quantity prices on application.

Water Glass Egg Preserver

One-pt. can will preserve 10 doz. eggs. Price, 15c.
One-qt. can will preserve 20 doz. eggs. Price, 25c.
One-gal. can will preserve 80 doz. eggs. Price, 90c.

Caponizing Sets



Poultry keepers can double their profits by caponizing their younger roosters. The operation is very simple, full directions accompanying each set.

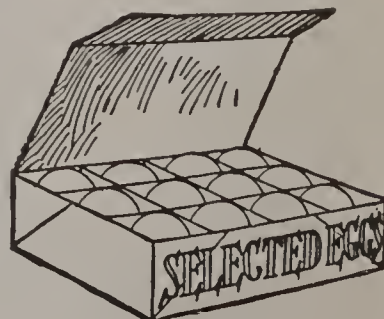
Pilling Farmer, in velvet-lined case	\$3.85
New Philadelphia, in pasteboard box	3.30
Pilling-Miles, in velvet-lined case	5.50

Egg Cartons

Egg Boxes, 3 x 4, one dozen, for delivery to family or store trade, made of heavy board. Printed "Strictly Fresh"

Prices:	
25—\$.30	250—\$1.80
50— .50	500— 3.40
125— 1.00	1,000— 6.80

2 x 6 Egg Boxes — 1,000 for \$6.85.



Killing Knives

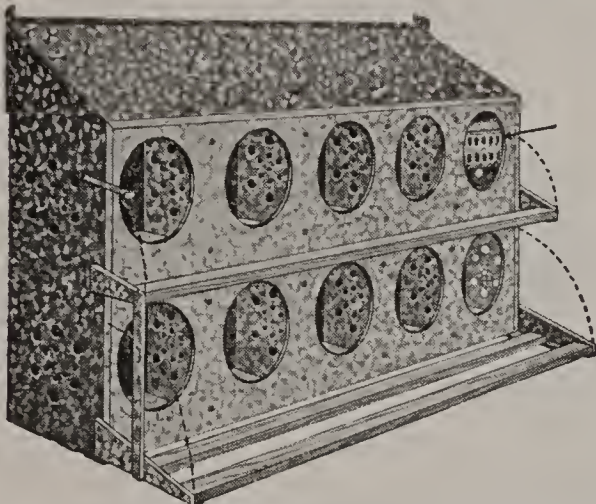


French Poultry Knife	\$.60
Humane Poultry Killer	1.50
Turkey Killing Knife, wood handle .....	.65
Poultry Killing Knife, wood handle .....	.55
Pinning Knife, wood handle .....	.40
Turkey Sinew Extractor	3.95

Wire Nests

These nests are strongly made from heavy coppered wire and will last a life-time. They fasten to the wall with screws. Vermin proof. Price: 20c. each; \$2.00 per dozen.

Sanitary Steel Laying Nests



Neatly and sturdily built. Made to hang on wall. Easy to clean, vermin proof, perches lift up, all sides ventilated. 6 nest—\$5.75; 10, \$8.50; 15, \$12.00.

Roto Salt Cakes and Feeders

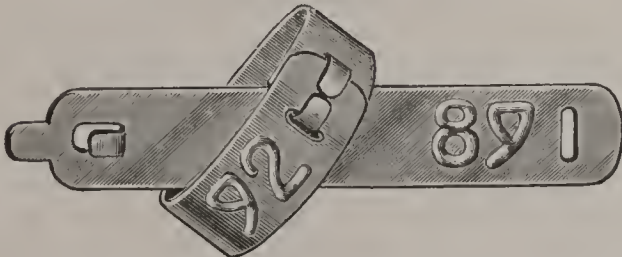
THE ROTO FEEDER is made of stoneware, exceedingly strong and simple.

Roto Salt Cakes	ea., 30c.; per doz., \$3.00
Roto Feeder	ea., 50c.
Square Salt Cakes	ea., 30c.; per doz., 3.00
Square Salt Cake Feeders (Belmont)....	ea., 30c.
Salt Cakes for Pigeons	ea., 25c.

Poultry Netting

One or two-inch mesh, one foot to six feet high. Prices are the lowest when quality is considered. Prices quoted on application.

Double Clinch Bands



No tools required to put on these bands. They fasten with two clinches. There are no exposed corners, ends or loops. They are the best open band on the market. They are numbered consecutively. Sold in packages of 12, 25, 50 or 100 bands each; Sizes: No. 2, Leghorns; 3, Rhode Island Reds; 4, Asiatics. Prepaid, by mail or express. Price: 12 for 20c.; 25 for 30c.; 50 for 50c.; 100 for 75c.; 500 for \$3.00; 1,000 for \$5.00.

Aluminum Adjustable Leg Bands

For any breed, numbered 1-100, 65c.



Made of
Special Spring Pyralin

	Per 100
No. 4 Chicks	35c.
No. 5 Pigeon	35c.
No. 6 Growing	40c.
No. 8 Leghorns	50c.
No. 11 American Breeds	60c.
No. 12 Asiatic	70c.
No. 14 Turkeys, Geese	90c.

Pigeon Nests

These nests are moulded from clay, and are heavy, so they cannot tip over. They make the best nests for pigeons.

Prices: Each, 25c.; per six, \$1.20; per dozen, \$2.75.

China Nest Eggs

Price: 30c. per dozen.

Wire Egg and Farm Basket

A convenient basket for gathering and cooling eggs; also other farm products. Holds 12 to 15 dozen eggs. Made of heavy galvanized wire. Price: 85c. each.

Beacon Comprest
Rabbit Feed

Made in pellet form of cereals, oil meals, alfalfa meal, dried skim milk, minerals and cod liver oil. A complete balanced ration. Prices: 10 lbs., 50c.; 25 lbs., \$1.15; 50 lbs., \$2.15; 100 lbs., \$4.00.

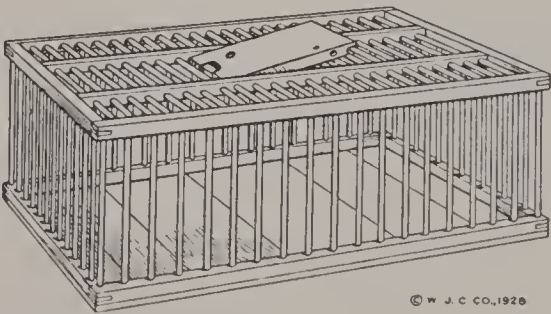


Rabbit Feeders and Waterers

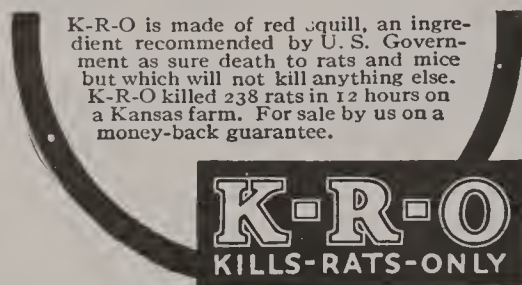


Made of earthenware, glazed, and holds one quart. Price 25c. each; per dozen, \$2.75.

Hickory Rod Shipping Crates



Light, strong and durable. Made of hickory rods with poplar frames and bottom, solid side spring door that can be sealed against theft in transit. Broilers cannot get out of this coop between the rods. Made to comply with new Express Regulations. Capacity, 12 to 15 fowls. Dimensions: 14 in. x 24 in. x 36 in. Weight: 15 to 18 lbs. Price: \$1.70 each; \$19.20 per dozen.

K-R-O Rat Exterminator

2-oz. pkg. makes 300 baits.

Price: 75c.

K. R. O. Ready Mixed Bait

6-oz. can, 35c.

Smith's Special Rat Killer

Made of Red Squill Powder — the Modern Rat Exterminator. 2½-oz. pkg., 50c.

Common Sense Rat Exterminator

Destroys rats under all conditions. This is the best of the phosphorous paste compounds. Two sizes, 25c. and 50c.

Jim Dandy Rat Baits

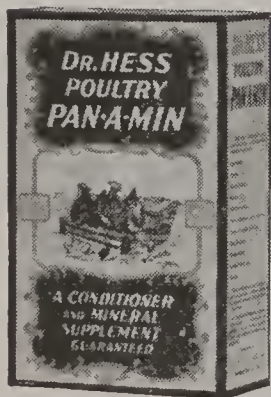
Prepared rat baits made with Red Squill. No mixing, fuss or muss. After eating rats go outdoors to die. Kills with safety—harmless to humans and pets. Package of 10 baits, 15c.; 12 pkgs., \$1.50.

Mouse Cereal

Destroys mice in a quick, sure, clean way. They shell the little seeds and devour the deadly kernels. No mixing or fuss. 25c. pkg.

**Dr. Hess Poultry Pan-a-Min**

Puts hens in laying trim by toning up the nervous system, stimulating the appetite, aiding digestion, helping elimination, building blood and supplying necessary minerals. Used at the rate of 3 lbs. to 100 lbs. Mash. 1½ lbs., 25c.; 3 lbs., 45c.; 7 lbs., 85c.; 15 lbs., \$1.75; 25 lbs., \$2.50; 100-lb. drum, \$8.50.

**Dr. Salsbury's Poultry Remedies**Phen-O-Sal Tablets Rakos-Worm Tablets
Avitone and Camphosal Spray for colds.**Walco Tablets for Baby Chicks**

50c., \$1.00, and \$2.50 sizes.

Smoked Salt

Old Hickory Smoked Salt, Sugar Cure, is a blended mixture of Sugar and Sodium Nitrate. This curing method is the easiest and most dependable. Price: 9-lb. can, \$1.00. Cures 110 lbs. meat.

"Gold Leaf" Tobacco Powder

Controls poultry round worms. Recommended by a number of State Experiment Stations.

Price: 2-lb. package, 25c.; 10-lb. package, \$1.00; 100 lbs. in a burlap bag, \$6.00.

Lee's Gizzard Capsule

For the control of large Round, Tape and Pin Worms in Poultry. The Gizzard Capsules contain the medicine in an insoluble coating which break up in the gizzard, then being released passes directly into the intestines upon the worms. A positive cure for worms in poultry.

Adult Capsules: 50 for 75c.; 100 for \$1.25; 500 for \$5.50; 1,000 for \$10.00.

Pullet Capsules: 50 for 50c.; 100 for \$1.00; 500 for \$4.50; 1,000 for \$8.50.

Chick Capsules: 50 for 40c.; 100 for 75c.; 500 for \$3.25; 1,000 for \$6.00.

Chic-Tone Inhalant

will control Respiratory Infections (Bronchitis). Powerful, germ-killing gases and healing oils are inhaled by the birds, opening

up nostrils, causing discharge of mucus and healing irritated membranes. No irritation to birds, staining of feathers or tainting meat. This can be used on chicks as well as hens.

Tonic

Increases appetite and builds up vitality. This is both an intestinal antiseptic and general tonic. It protects

against many intestinal disorders. In treating all respiratory infections, Chic-Tone Tonic should be fed in water and must be used with Chic-Tone Inhalant to obtain best results.

Prices of Inhalant and Tonic: Quarts, \$1.00; gals., \$3.50; 5 gals., \$13.75; 10 gals., \$24.50.

Special Sprayer for Chic-Tone Inhalant

3-quart, continuous; lead-lined \$3.25

Bunny Inhalant

Quarts, \$1.25

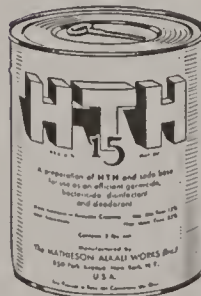
Gallons, \$4.25

Poultry Nasal Syringe

used with Germozone to clear nostrils and eyes of mucus. Treats swelled heads, ocular roup and colds successfully. Price, 75c.

Enteritis Powder (Conn. Formula)

For the treatment of Range Paralysis in poultry. 1-lb. pkg., 50c.; 5 lbs., \$2.25.

HTH — 15

A preparation of HTH and soda base for use as an efficient germicide, bactericide, disinfectant and deodorant. Has many uses such as treating for bronchitis in powder form; drinking water, incubators, brooder houses and dairies. 1-lb. can, 50c.; 3 lbs., \$1.00.

Special Crystal Duster for HTH-15, \$1.25



Lee's Germozone

Roup, Canker, Swelled Head, Cold, Cholera, Bowel Complaint, etc., yield readily to treatment with Germozone. Valuable for little chicks. Put up in liquid form or tablets.

Price: 4-oz. bottle, 40c.; 12-oz., 75c.; qt., \$1.50; gal., \$4.50.

Conkey's Remedies

Old Reliable Powder (formerly Conkey's Roup Remedy), 25c.; 50c.; \$1.00; 1½-lb. can, \$2.35; 5-lb., can, \$7.00.

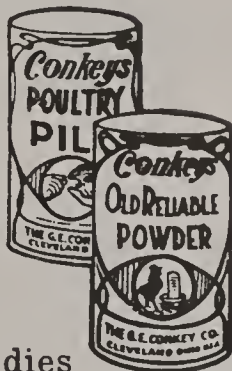
Conkey's Pills, 25c.; 50c.; \$1.00.

Balmo (formerly Canker special), 1 oz., 50c.; 1 pt., \$1.20.

Diatex (formerly white Diarrhea Remedy), 25c.; 50c.; \$1.00.

Scaly Leg, 25c.

Salvo (for Pox), 25c.



Cannibalism Remedies

Lee's Pick Paste adheres to wounds and repulsive to fowl's taste. It is greaseless and highly antiseptic. 2-oz., 25c.; 6-oz., 60c.

Dr. Salsbury's Stop Pick. 1 lb., \$1.00.

Smith's Germisepic

4-oz. bottle, 35c.; 12 oz., 65c.; 32 oz., \$1.35.

Sodium Hypochlorite



B-K is a powerful germ destroyer and deodorant. It is clear, colorless and non-poisonous. It instantly destroys the germs that cause disease, also odors,

and prevents infection.

B-K is safe to use. It is easy to apply. It is economical. Price: 10-oz. bottle, 50c.; 1 qt. bottle, 90c.; 1 gallon, \$2.00; 5 gals., \$8.50.

"Black Leaf" Worm Powder

An odorless, tasteless, dry compound containing nicotine that remains insoluble in the mouth, throat, crop and gizzard. Nicotine is released in intestines and round worms are expelled a few hours later for 24 or 36 hours after. Fed in wet mash: 4 oz. to 100 birds. Powder, 4 oz., 75c.; 1½ lbs., \$3.00; 3 lbs., \$5.60. Pellets, 100 for 85c.; 500 for \$3.25; 1,000 for \$5.60.

"Black Leaf 40"

CONTROLS POULTRY LICE IT WORKS WHILE THEY ROOST

Paint a thin film of "Black Leaf 40" on the top of the roosts and cross-arms, about half an hour before the birds perch for the night; on warm still nights in the Fall, Spring or Summer. Does not harm the birds or retard egg production.

10-lb. tin (Treats 2000 feet of roost)	\$10.60
5-lb. tin	5.85
2-lb. tin	3.25
16-oz. bottle	2.25
5-oz. bottle	1.00
1-oz. bottle	.35

Pikgards—Pick-Out Shields—Specs

Recommended and proven satisfactory as a control for Cannibalism.

Pikgards

100 for \$3.00 1000 for \$28.00

Shields

100 for \$2.50 1000 for \$20.00

Specs

100 for \$2.95 1000 for \$27.00



Smith's Insecticides

Smith's preparation for this purpose is a standard, reliable article, well known and used by poultrymen the country over. Setting hens, well dusted twice during incubation, will not leave their nests on account of lice. Price: 15-oz. pkg., 25c.

Sulphur Candles

An easy, effective way to fumigate rooms or poultry houses. Easy to light. Water pans furnished with each candle. Price: each, 10c.; per dozen, \$1.00.

Lee's Lice Killer

Is a liquid preparation especially designed for killing lice and mites on chickens and hogs without the necessity of handling. Price of Lee's Liquid Killer: 1 qt., 60c.; 2 qts., 90c.; 1 gal., \$1.50.

Carbolineum

Completely exterminates all lice and mites, also the best wood preserver. Rats or mice never gnaw wood painted with Carbolineum. Price: \$1.60 per gallon; 5-gal. drum, \$7.00.

Dr. Hess Dip and Disinfectant

For scab, mange, lice on sheep, fleas and all parasites, skin diseases of horses, cattle, sheep, hogs, dogs and poultry. Prices: 12 oz., 35c.; 1 qt., 60c.; 1 gallon, \$1.50.

Cresol Fluid Disinfectant

Conforms with standard specifications and is permitted in the official disinfection of premises, in the control of communicable diseases, as B. Typhosus, or after a State Tuberculin Test. One-gallon can, \$2.25.



Use It Instead of Whitewash

A snow-white mineral paint in powder form, ready to put on with brush or sprayer as soon as mixed with cold water. Twenty times stronger than pure carbolic acid; harmless to man or beast. Price: 5 lbs., 60c.; 10 lbs., 98c.; 25 lbs., \$1.90; 50 lbs., \$3.50.

Cattle Spray

Don't let your cows and horses suffer all summer long. Cattle Spray will keep them away and make milking far more pleasant. Price: 1 qt., 40c.; 2 qt., 70c.; gal., \$1.25.

Pulvex for Dogs and Cats



The popular Flea and Lice Powder is based on a new principle. It kills in a different way, by paralysis, so that none revive to reinfest. Fresh infestations are prevented for as long as two weeks. Pulvex is Odorless, Harmless, Non-Irritating, Efficient and Economical. 2-oz. sifter top can, 50c.; 12 oz., \$1.25.

The New Pulvex Dog Soap

is the greatest development in Dog Soap. It cleans the dog clean, gives him that dog-show sheen, tones, stimulates and oils his skin, kills fleas and lice, and destroys dog odor all in one operation. Large cake for 50c.



Pulvex Worm Capsules

The New Worm Capsule that will expel Tape, Round and Hook Worms in a single worming. Safe in action. Price: 50c.



Sanahide

A prepared formula for the eczema and parasitic mange on dogs. Non-irritant and non-toxic. Can be used on puppies or kittens. Price: 5-oz. can, 25c.

Allen's Liquid Extract of Garlic

A liquid extract of garlic produced as science can produce it, eliminating the fibre and retaining only the most useful element. Used as a tonic and to promote other benefits. Price: 4-oz. bottle, 75c.; 12-oz., \$1.75.

Fleischmann's Irradiated Dry Yeast For Dogs

Gives the coat a beautiful gloss, helps clear up skin disorders, stops itching, builds stronger bones in puppies, and prevents rickets. Simply add a teaspoonful to your dog's daily diet. Four sizes: 3½-oz. can, 25c.; 8-oz., 50c.; 1 lb., 85c.; 5 lbs., \$3.50.



Glover's Imperial Medicines

For Puppies, Dogs, Cats and Foxes

Condition, Digestion and Laxative Pills, Round Worm, Tape Worm, Tetrachloroethylene Capsules, Round Worm Vermifuge, Iron Tonic, Diarrhea Mixture, Sulphur Tablets, Nerve Sedative, Expectorant Mixture, Canker Wash (for ears), Eye Lotion, Liniment. All 60c. each. Mange Cure, 75c.; Cresol Disinfectant, 25c.; Fever Reducer for Distemper, \$1.00; Flea Soap, 25c.

Free Book on Dog Diseases and Feeding.

Sergeant's Dog Medicines

For Puppies, Dogs, Cats and Foxes

Nerve Sedative, Laxative Capsules, Liniment, Diuretic Pills, Expectorant Mixture, Intestinal Astringent, Compound Pepsin, Arsenic and Iron

Compound, Mouth Wash, Eye Wash, Cod Liver Oil Capsules, Tapeworm Medicine, Sure Shot Liquid and Capsules, Puppy Capsules and Condition Pills. All 60c. each. Mange Medicine, 65c.; Special Medicine, \$1.20; Skip Flea Powder, 25c.; Soap, 25c.

Free Book on Dog Diseases and Feeding

Spratt's Puppy, Dog, Kitten and Cat Medicines

15c. and 60c. pkgs.

Beacon Dog Pellets



Cereals, beef, dried milk, cod liver oil, bone meal, salt, molasses and mainly Protozyme — an aid to digestion, made in compressed form. Twelve essential materials blended into a complete concentrated ration. 2 lbs., 27c.; 5 lbs., 55c.; 10 lbs., \$1.00; 25 lbs., \$2.15; 50 lbs., \$4.00; 100 lbs., \$7.40.

Beacon Dog and Puppy Meal

A balanced, appetizing food for all breeds of dogs and puppies. Made of the same ingredients as Beacon Dog Pellets, with a different flavor appeal. Your greatest satisfaction with these two dog foods will be the splendid health and condition of your dogs. 2 lbs., 25c.; 5 lbs., 50c.; 25 lbs., \$2.00; 100 lbs., \$7.00.

Dog Foods

Kennel Food and Supply Co.'s K-F-S. Square cakes with meat, 3 lbs., 33c.; 10 lbs., \$1.00; 25 lbs., \$1.95; 50 lbs., \$3.70; 100 lbs., \$7.00.

Cero-Meato. Made of cereals, meat and bone. Price—same as above, except 25 lbs., \$2.00; 50 lbs., \$3.80; 100 lbs., \$7.10.

K-F-S Dog and Cat Food. Cereals, beef, vegetables, and Cod Liver Oil. 1-lb. cans, 13c. each; 2 for 25c.; 12, \$1.30; 24, \$2.35. Case of 48, \$4.60.

Thrivo Dog and Cat Food. Contains less starch. 1-lb. cans, 10c.; 3 for 25c.; case of 48, \$4.00.

Red Heart Dog and Cat Food. Diet A—Beef flavored; B—fish; C—cheese. 1-lb. cans, 10c.; 3 for 25c.; case of 48, \$4.00.

Bennett's Milk Bone. Dog and Puppy, pkg., 33c.

Bennett's Milk Bone, Jr., pkg., 28c.

Spratt's Ovals, 35c.; Fibo, 40c.; Spix, 35c.

Austin's Puppy Biscuit and Cat Food, pkg., 15c.

Bannock Dog Meal. 5 lbs., 50c.; 10 lbs., 95c.

Bannock Dog Biscuit. 5 lbs., 59c.; 10 lbs., \$1.10.

Gaines Meat and Milk Meal. 5 lbs., 40c.; 10 lbs., 80c.

Tioga Dog Foods (Baloration). A convenient and economical balanced food.

Puppy Meal. 5 lbs., 55c.; 10 lbs., \$1.00.

Dog Pellets and Meal. 5 lbs., 50c.; 10 lbs., 90c.

Dog and Cat Feeding Dishes. 35c., 50c., \$1.00, \$2.00.

Quadine

A non-greasy oil of volatile nature. It is the most amazing product ever developed for external use on dogs, for fleas, mites, sores, ulcers, wounds, skin diseases, ring worms and other affections.

2-oz. bottle, 60c.; 4-oz., \$1.00; 12-oz., \$2.00.

Special atomizer with 2-oz. bottle, \$1.50.

Rustic Bird Houses and Food Shelters

Wren Houses



No. 31



No. 35



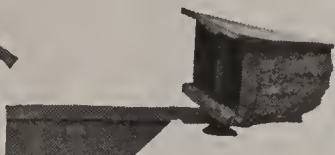
No. 1

These houses are scientifically designed. The entrances and nesting compartments are the correct sizes. Each house can be easily opened for cleaning.

Food Shelters



No. 110



No. 107



No. 116

Feeding stations will help many of the migrating birds and, since birds prefer to nest where there is an abundance of food, these feeders will also help to bring tenants to your bird-houses.



Window
Feeder
No. 111

Circular on request showing a complete line of Bishop Bird Houses and Feeders.

Platt's Wild Bird Food

Platt's Wild Bird Seed is a special mixture of whole seeds, carefully field tested to determine their value as bird food. You should see the wild birds flock to the feeding stations where this is used. It is a favorite mixture for attracting rare and beautiful song birds to many gardens—especially attractive to: Purple Finch, Red Poll, Gold Finch, Pine Siskin, Vesper Sparrow, White Crowned Sparrow, Junco, Song Sparrow, Ruffed Grouse, White Breasted Nut Hatch, Chickadee, Blue Jay, Snow Bunting, Lapland Song Sparrow, Tree Sparrow, Chipping Sparrow, Fox Sparrow, and Quail.

Put up in packages of 3 lbs., 25c.; 6¼ lbs., 50c.; 14 lbs., \$1.00; also 100-lb. bags. Postage extra.

Wild Bird Cake. A balanced food containing a variety of seeds, grains, berries, etc., molded with suet in cake form. Cakes, 30c. each; 3 for 75c. Wire feeder, complete with cake, 65.



Baskets

Special prices in lots of 1,000 on Peach, Strawberry and Pansy Baskets. As these are subject to market fluctuations, write for quotations.

Strawberry Baskets, 15c. doz.; 80c. per 100.
Peach Baskets, 16-qt., \$1.35 per 25; \$5.00 per 100.
Pansy Baskets, 2-qt., 25c. per doz.; \$1.60 per 100.
Till Baskets, 3-qt., 30c. per doz.; \$1.80 per 100;
4-qt., 30c. per doz.; \$2.00 per 100.
Diamond Market Baskets, each, 20c.

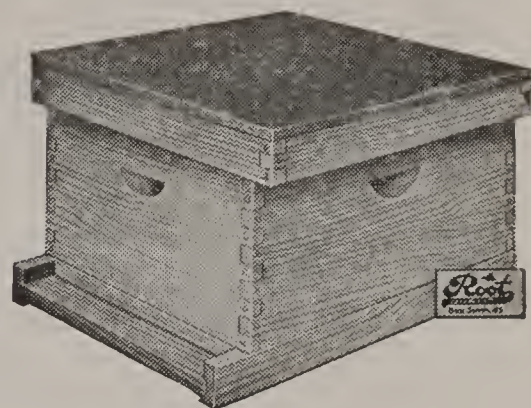
(Special Prices on large quantities)

Root
QUALITY
BEE SUPPLIES

A Complete

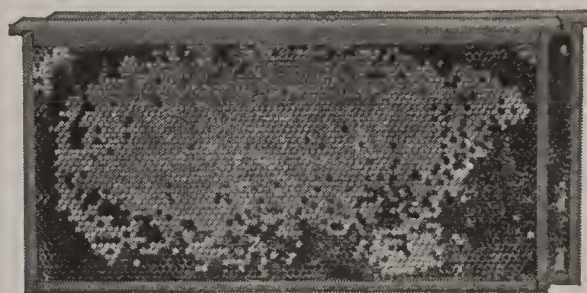
64 Page

Catalog Free



Standard Hive

One-story Standard Hive complete with ten frames, metal cover, bottom board, improved hand holds and triple locked frames. Price: \$3.75. Also various styles of Supers.



THREE-PLY COMBS.

The Standard Non-Sag Foundations. One-third more worker brood, strongest by test, least warping. Unexcelled in 10 years.

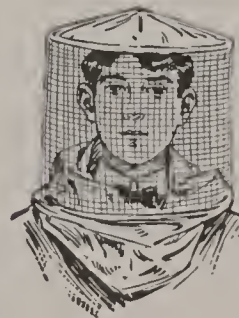
10-sheet pkg., \$1.00; 50-sheet pkg., \$4.75.

Bee-Way Sections of finest basswood, sorted and dried right, dovetailed perfectly—fold without breaking. Price: 100 for \$1.50; 500 for \$7.05; 1,000 for \$14.10.



Root Smokers

Designed to give satisfactory service. Anti-spark Draft. Junior, 85c.; Standard, \$1.05.



Alexander Veils

Price: 75c.

Package Bees

For starting new colonies and strengthening weak ones. Prices and information on request.

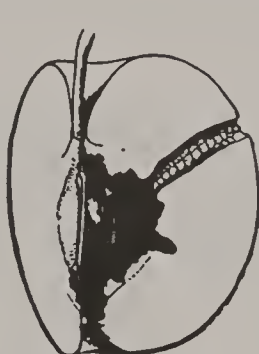
Buy Root's Supplies and Save Money

Full Depth and Shallow Supers for extracted honey and Section Boxes. Queen Excluders, Frames (shallow and brood), Wire, Hive Tools, Veils, Gloves, Hive Covers and Stands, Uncapping Knives, Bee Books, and Cartons for comb honey, along with other Bee Keepers' requisites. Prices on Request.

Spray Calendar and Useful Information



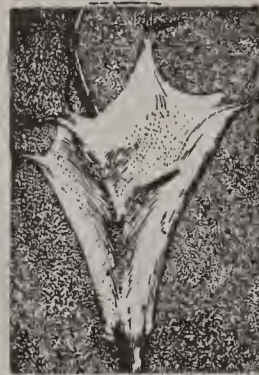
Aphids on Leaf



Codling Moth or
Apple Worm



Canker Worm



Tent Caterpillar



Plum Curculio

CABBAGE—CAULIFLOWER

Cabbage Worm. Green worms feed upon leaves all through season. Use pyrethrum or rotenone spray or dust.



Cabbage Worm

Cabbage Lopper. Smooth looping caterpillars feed with cabbage worms late in summer, and require same treatment.

Cabbage Maggot. Infest stems of early-set plants near surface of ground, checking growth and often killing them. Practice crop rotation. Apply calomel-gypsum 1-24 parts around newly set plants.

Club Root. Causes knob-like enlargements on the roots of cabbage and allied plants. The germ often becomes established in the soil; when possible avoid such land and the use of refuse from old plants on the soil. Be especially careful that the seed bed is not infested. Infested land, if used, should be treated in the fall with lime broadcast at the rate of 80 bushels per acre, and worked in.

CELERY

Celery Caterpillar Feeds upon the leaves of celery, parsley, fennel, carrot and parsnip. On the latter two plants, use pyrethrum or rotenone spray or dust.

Leaf Blight and Leaf Spot are two diseases showing "rusty" spots on leaves and petioles; the latter trouble distinguished by the very minute black dots in the discolored spots, often progressing in stalks after storage. Spray the plants thoroughly in the seed bed with Bordeaux, as infected plants are often the means of introducing the trouble in the field. If necessary continue the spraying after transplanting at intervals of about two weeks, up to the middle of September. Before covering for bleaching, if leaf spot is abundant, dust with sulphur, and before final storage remove infected leaves and dust again.

CORN

Corn Ear Worm. Eats the immature kernels at the end of the ear. Dust with equal parts sulphur and powdered lead arsenate.

CUCUMBERS

Striped Cucumber Beetle. Attacks young plants, eating the leaves. Larvae infest the main root or stem under ground, often killing the plant. Spray with D-X or Red Arrow.

CURRENT

Current Worm. Devours foliage in May. Spray or dust with pyrethrum as soon as leaves unfold.

Current Borers. The larvae of two species of insects tunnel in the pith of the stems, causing the leaves to droop and wilt. Destroy infested canes during May.

Current Aphids. Yellowish-green aphids on under side of leaves, causing them to curl. Under-spray with nicotine solution, D-X or Red Arrow.

ELM

Spiny Elm Caterpillar. Clusters of black spiny caterpillars often strip certain branches of elm, willow and poplar. Remove and destroy entire cluster, or spray with lead arsenate.

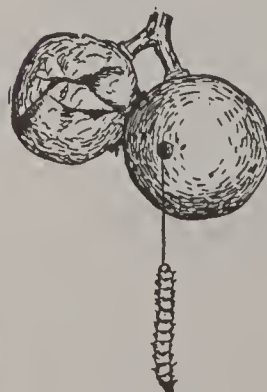


Larvae of Elm Leaf
Beetle

Elm Leaf Beetle. Adult beetles eat holes through the leaves in May, and in June and July the larvae or grubs eat away the green tissues from the under surface. Spray with lead arsenate early in May to kill egg-laying beetles, or spray under surface of leaves with same mixture about June 1st, to kill the larvae. Yellow pupae at base of trees may be killed with spray oil.

GRAPE

Grape Plume Moth. Small, green, shiny caterpillars web together the newly-formed leaves at the tips of new shoots. Damage more apparent than real. Crushing by pinching these leaves is the best remedy.



Grape Berry Moth

Grape Berry Moth. Larvae feeds and develops inside the berries, and this is the cause of most wormy grapes. Spray with lead arsenate soon after fruit sets, and repeat twice at intervals of about ten days. Bag the clusters soon after the fruit sets.

Sphinx and Other Caterpillars. Several species of horn worms, as well as other kinds of caterpillars, feed upon the leaves. Spray with lead arsenate or practice hand picking.

Grape Leaf-Hopper. Small yellow and red marked leaf-hoppers sucking sap from under side of leaves. Spray under surface with D-X.

Black Rot. Causes reddish-brown spots on leaves; more rarely on stems; especially bad in rotting the berries, which finally become hard, shrunk and wrinkled black mummies. This is one of the worst diseases of the grape, and often difficult to control by spraying, which must be thorough, especially the first season. Begin spraying before blossoming time, about the last of May, with a second application just after blossoming and subsequent sprayings at intervals of about ten to fourteen days. Use Bordeaux up to the last of July; usually four or five sprayings with Bordeaux are sufficient.

HOLLYHOCK

Rust. Appears as small, compact, reddish-brown outbreaks on leaves and stems. After their death in fall, cut off the plants close to the ground, carefully gather up these and any rubbish that may contain spores and destroy them. Spraying with Bordeaux is recommended by some as helpful in checking the rust; begin as plants push through the ground.

MAPLE

Maple Borer. Larva tunnels in spiral course upward around trunk or larger branches of sugar maple, working in sapwood and cambium, often girdling the trees. Examine trees in September for sawdust. Find the burrow, inject Borerkill and plug the opening.

Woolly Maple Leaf Scale. Cottony or woolly masses of wax, containing the females, eggs and sometimes larvae, appear on the under side of the leaves in midsummer; insects suck out the sap, causing leaves to fall prematurely. Males and larvae enter crevices of bark of trunk and branches; larvae make cases here and pass the winter. Attacks only sugar maples. Spray dormant trees with nicotine solution and soap. Burn all infested leaves.

Cottony Maple Scale. Large, oval, brown, soft scales on bark of branches of silver and red maples. Each scale in early summer develops a large cotton-like tuft of wax nearly half an inch long, and soon after the young appear. Spray with Scalecide or Sunoco when dormant.

MUSK MELON

Melon Aphid. Sucks the sap from the under side of the leaves and, when abundant, causes much damage. Underspray the leaves with nicotine solution, D-X or Red Arrow.

Striped Cucumber Beetle. See Cucumber.

NASTURTIUM

Aphid. Brown aphids cluster on stems and leaves, sucking the sap. Spray with nicotine solution, D-X or Red Arrow.

ONION

Thrips or "White Blast." Very small insects which feed upon the surface of the leaves, giving the field a whitish appearance. Burn all tops and refuse; burn over the grass land around the field to kill over-wintering insects. Spray with nicotine solution or Red Arrow.

PEA

Green Pea Aphid. Attacks the plants early in June and sucks the sap from the leaves and stems, often causing great injury. Early peas may ma-

ture a crop before aphid injures them. Spray vines with D-X, Red Arrow or Rotenone Spray.

POTATO

Flea Beetle. Small black jumping beetles eat holes through the leaves. Spray heavily both upper and under surfaces with Rotenone.

Colorado Beetle. Adults and larvae devour the leaves. Spray with lead arsenate as soon as injury is apparent. May be used in Bordeaux mixture.

Three-Lined Potato Beetle. Larvae feed upon the leaves and carry their black excrement on their backs. Spray with lead arsenate.

Stalk Borer. Larvae tunnel inside the stalk. Burn infected vines.

Potato Aphid. Green aphids appearing in large numbers suck the sap from shoots and stems, causing much damage. Spray with nicotine solution, D-X or Red Arrow.

Blight or Downy Mildew.

Causes a sudden blackening of the leaves, and often death to the vines, from July to September, in moist seasons; usually shows a slight whitish growth of fungus on the under side of leaves; rots tubers. Spray with Bordeaux before the trouble appears about July 1st, and keep vines well covered to the end of the season. Three to five sprayings by hand to five to seven by power sprayer are necessary. After last cultivation thoroughly ridge up the rows to help keep the spores from washing down the tubers. Early varieties often escape blight by maturing before its appearance.

Scab. Produces the common scabby appearance on surface of tubers. Soak seed tubers one and one-half hours in formalin (formula B). Formalin fumes are often used when large quantities are treated. Care in filling space sufficiently, however, is necessary to avoid injury by "pitting" from absorption of fumes. Avoid planting on infected land by systematic rotation. The use of lime, wood ashes, and various barnyard manures will increase the amount of scab. The same trouble occurs on beets and turnips.



Potato Beetle

ROSE

Rose Slug. Eats away the green portions of the leaves. Spray with D-X or Red Arrow.

Aphid or Green Fly. Suck sap from the leaves and stems. Spray with nicotine solution or Red Arrow.

Mildew. Develops a white powdery or cobweb-like growth on the young leaves, which become more or less distorted and fall off. Tea roses especially susceptible. Treat same as for leaf blotch or dust with wettable sulphur; be careful in airing greenhouses.

SQUASH—PUMPKIN

Squash Lady-Beetle. Both adults and larvae devour the leaves. Spray with lead arsenate and D-X.

Striped Cucumber Beetle. See Cucumber.

Squash Bug or "Stink Bug." A brown bug three-fourths of an inch long sucks the sap from the under side of the leaves, causing them to wilt and die. Ask for special information.

A Successful Fruit Spray Program

for those who wish to prepare small quantities. The following amounts are for ten gallons of spray. Read manufacturers' directions for using greater or less strength. It is very important that the spray is applied at the right time, otherwise it is almost worthless. The illustrations below show the four most important stages or times to spray.

For Apple and Pear Trees



Delayed Dormant

First: Delayed Dormant. To control Scale, Aphis, Pear Thrips, Leaf Roller, European Red Mite and Tent Caterpillar.

Scalecide (1-15). 2½ qts. Scalecide plus 37½ qts. water makes ten gallons of spray.

Second: Pre-Pink spray for Apple Scab, Tent Caterpillar, Bud Moth, Canker Worm and Aphis control; to make ten gallons.

- 5 oz. Arsenate of Lead
- 3 oz. Spray Catalizer
- 10 oz. Dry Lime Sulphur
- 2 oz. "Black Leaf 40"



Pre-Pink



Pink or Pre-Blossom

Third: Pink Spray for Apple Scab, Tent Caterpillar, Green Fruit Worm, Canker Worm, and Aphis control. Repeat **Second**.



Calyx Spray

Fourth: Calyx Spray for Apple Scab, Codling Moth, Curculio and Aphis. Repeat same as **Second** and **Third**.

Fifth: For Codling Moth and Late Scab Infection. Spray 14 days after calyx spray.

- 12 oz. Wettable Sulphur
- 5 oz. Arsenate of Lead

Sixth: For Second Brood of Codling Moth and Leaf Diseases. Repeat **Fifth** Spray six weeks after **Fourth** (Calyx Spray).

For Peach, Plum, and Cherry Trees

First: Dormant Spray.

Scalecide (1-15). 2½ qts. Scalecide with water to make 10 gallons.

Second: As the buds swell and before blossoms open.

- 3 oz. Spray Catalizer
- 6½ oz. Sulfocide

Third: As the Shucks fall from the Newly Formed Fruit.

- 3 oz. Spray Catalizer
- 3 oz. Arsenate of Lead
- 6½ oz. Sulfocide

Fourth: Two weeks later for Brown Rot and Scab.

- 3 oz. Spray Catalizer
- 6½ oz. Sulfocide

Fifth: Ten days to two weeks later Repeat **Fourth** Spray for Brown Rot and Scab.

Important Note: Mix in order given. Never put together in concentrated form.

Insecticide Measurements and Dilutions

	Normal dilution rate	To Make 50 gallons	To Make 10 gallons	To Make 3 gallons
Arsenate of Lead Powder	1½ lbs. to 50 gals.	1½ lbs. to 50	5 oz.	1½ oz.
Bordeaux Mixture, 13%	6 lbs. to 50 gals.	6 lbs.	1¼ lbs.	5½ oz.
"Black Leaf 40" (Liquid)	2 lbs. to 200 gals.	½ lb.	1½ oz.	3 tsp.
Lime Sulphur, (Liquid) (Winter)	1 to 8	6 gals.	1¼ gals.	3 pts.
Lime Sulphur, (Liquid) (Summer)	1 to 40	1¼ gals.	1 qt.	½ pt.
Lime Sulphur, (Dry-Summer)	3 lbs.	3 lbs.	10 oz.	3 oz.
Lime Sulphur (Dry-Winter)	16 lbs. to 50 gals.	16 lbs.	3 lbs.	1 lb.
Red Arrow Garden Spray, also D-X	1 to 800	½ lb.	1½ oz.	3 tsp.
Scalecide	1 to 15	3⅓ gals.	2½ qts.	3 cups (1½ pts.)
Spray Catalizer	1 lb. to 50 gals.	1 lb.	3 oz.	1 oz.
Sulfocide	1 to 200	1 qt.	¾ cup (6½ oz.)	2 oz.
Summer Oil (Spray Cream)	1 to 100	2 qts.	1½ cups (12 oz.)	4 oz.
Wettable Sulphur	3 lbs. to 50 gals.	3 lbs.	10 oz.	3 oz.

4 teaspoonsful = 1 tablespoon
16 fluid ounces = 1 pint

2 tablespoonsful = 1 fluid ounce
8 pints = 1 gallon

Note: 4 rounded teaspoonsful of Wettable Sulphur or Arsenate of Lead equals 1 oz.

VEGETABLE AND FIELD SEEDS

	PAGE		PAGE		PAGE		PAGE
Anise	37	Clover Seeds	42	Kohl-Rabi	21	Rhubarb	32
Artichoke	7, 68	Collards	15	Lavender	37, 55	Rue	37
Asparagus Roots	7, 68	Coriander	37	Lawn Grass Seed	40	Ruta Bagas	36
Asparagus Seed	7	Corn, Ensilage	17, 18	Leek	21	Rye	39
Balm	37	Corn, Field	17, 18	Lettuce	22	Sage	37
Barley	39	Corn, Popping	17	Mangel Wurtzel	11	Salsify	32
Beans, Bush	8, 9	Corn, Sweet	4, 16, 17	Marrows	33, 34	Soja Bean	38
Beans, Pole	10	Corn Salad	18	Melon, Citron	24	Sorrell	32
Beets	5, 10, 11	Cow Peas	28, 38	Melon, Musk	23	Spinach	32, 33
Borage	37	Cress or Peppergrass ...	18	Melon, Water	24	Squash	6, 33, 34
Broccoli	11	Cress, Water	18	Merit List	3-6	Sudan Grass	38
Broom Corn	38	Cucumber	5, 18, 19	Milletts	42	Sugar Cane	38
Brussels Sprouts	11	Dandelion	19	Mushroom Spawn	24	Summer Savory	37
Buckwheat	39	Dill	37	Mustard	24	Sunflower	38, 54
Cabbage	5, 12	Egg Plant	20	Oats	39	Sweet Basil	37
Canada Field Peas	38	Endive	20	Okra	26	Sweet Fennel	37
Caraway	37	Farm Seeds	38, 39	Onion	25	Sweet Marjoram	37
Cardoon	13	Fennel	20, 37	Onion Sets	25	Swiss Chard	11
Carrots	5, 6, 13	Flax	38	Parsley	26	Thyme	37
Catnip	37	Garlic Sets	20	Parsnip	26	Tobacco	34
Cauliflower	14	Grains	39	Peas	27, 28, 38	Tomato	34, 35
Celeriac	14	Grass Seeds	40, 41	Peppers	29	Turnip	36
Celery	15	Herbs	37	Potatoes	29, 30	Vegetable Seeds	4-37
Chervil	15	Horehound	37	Pumpkin	30	Vetches	38
Chicory	15	Kaffir Corn	38	Radish	30, 31	Wheat	39
Chives	15, 68	Kale	21	Rape	31	Witloof Chicory	37
Chufas	15					Wormwood	37

FLOWER SEEDS

	PAGE		PAGE		PAGE		PAGE
Abronia	43	Cheiranthus	49	Grasses, Ornamental	53	Nigella	57
Abutilon	43	Chrysanthemum	49	Gypsophila	53	Pansy	59
Achillea	43	Cineraria	49	Helianthus	54	Passiflora	59
Acroclinium	3, 43	Clarkia	49	Helichrysum	53	Pentstemon	59
Ageratum	3, 43	Cleome	49	Heliotrope	54	Petunia	3, 60
Agrostemma	43	Cobaea	49	Heuchera	54	Phlox	3, 60
Alyssum, Sweet	43	Cockscomb	3, 48, 49	Hibiscus	54	Physalis Francheti	61
Amaranthus	43	Coleus	49	Hollyhock	3, 54	Polyanthus	61
Anchusa	44	Columbine	44, 50	Honesty	54	Poppy	61
Antirrhinum	44	Convolvulus	50	Humulus	54	Portulaca	61
Aquilegia	44	Coreopsis	46, 50	Hyacinth Bean	54	Primrose	61, 62
Arctotis	44	Cornflower	48, 49	Ice Plant	54	Primula	61
Asparagus	44	Cosmos	50	Impatiens	54	Pyrethrum	62
Aster	3, 44, 45	Cyclamen	50	Ipomea	3, 55	Rhodanthe	62
Auricula	45, 61, 62	Cynoglossum	3, 50	Kenilworth Ivy	55	Ricinus	62
Balloon Vine	45	Cypress Vine	50	Kochia	55	Rudbeckia	62
Balsam	45	Dahlia	50	Kudzu Vine	55	Salpiglossis	62
Balsam, Apple	45, 57	Daisy	46, 52	Lantana	55	Salvia	62
Bartonia	45	Datura	51	Larkspur	51, 55	Scabiosa	3, 62, 63
Begonia	46	Delphinium	3, 51, 55	Lathyrus	55	Schizanthus	63
Bellis Perennis	46	Dianthus	51	Lavender	37, 55	Silene	63
Brachycome	46	Didiscus	52	Linum	56	Smilax	63
Briza Maxima	53	Digitalis (Fox Glove) ..	52	Lobelia	56	Solanum	63
Browallia	46	Dimorphotheca	52	Lupinus	56	Stevia	63
Calacia	46	Dusty Miller	49	Lychnis	56	Stocks	63
Calceolaria	46	Edelweiss	52	Marigold	3, 56	Stokesia	63
Calendula	46, 47	Eschscholtzia	52	Marvel of Peru	57	Sunflower	54
Calliopsis	46	Euphorbia	52	Mignonette	57	Sweet Peas	64, 65
Campanula	47	Everlastings	43, 53, 62	Mimosa	57	Sweet Sultan	49
Canary Bird Flower	47	Feverfew	52	Mimulus	57	Sweet William	65
Candytuft	47	Flower Seeds	3, 43-67	Mina Lobata	57	Thymus	65
Canna	47	Forget-me-not	52, 57	Moon Flower	55	Valerian	65
Canterbury Bells	47	Gaillardia	52	Momordica	57	Verbena	3, 65
Cardinal Climber	48, 55	Geranium	53	Morning Glory	3, 50, 55	Vinca	65
Carnation	48	Gilia	53	Myosotis	57	Viola	65
Castor Oil Beans	48, 62	Globe Amaranth	53	Nasturtium	58	Virginian Stock	63
Celosia	3, 48	Godetia	53	Nemophila	57	Wall Flower	65
Centaurea	48, 49	Gourds	53	Nicotiana	57	Mixed Flower Seed	65

MISCELLANEOUS

Bulbs							
	PAGE		PAGE		PAGE		PAGE
Caladium	67	Dog Food and Supplies ..	90	Labels	77	Seed Drill	72
Cinnamon Vine	67	Dusting Guns	74	Lawn Guard	80	Seed Sower	72
Flowering Plants	68	Fern Pans	79	Lawn Mowers....Cover 2,	73	Shears	75
Gladiolus	67	Fertilizers	70, 71	Lime	71	Shovels	76
Tuberose	67	Fruit Pickers	77	Mastica	78	Shuffle Hoe	77
Madeira Vine	67	Fumigators	69	Mole Traps	77	Soil Soaker	76
Vegetable Plants and Roots	68	Fungicides	68, 69, 70	Mulch Paper	80	Sowers	72
Tools, etc.		Garden Line	78	Nozzles	74	Spades	76
Asparagus Buncher	78	Garden Reel	78	Pans	79	Spading Forks	76
Barrows	76	Gazing Globe	73	Peat Moss and Sorbex...	71	Sprayers	74, 75
Baskets	91	Glazier's Points	78	Planet Jr., Implements..	72	Spray Chart	94
Bean Poles	77	Gloves, Garden	75	Plant Boxes	79	Spray Materials ...	68, 69, 70
Bee Supplies	91	Grafting Blade	75	Plant Stakes	77	Sprinklers	76
Bird Bath	73	Grafting Wax	75	Pots	79	Sundial	73
Bird Houses	91	Grass Catchers	80	Poultry Supplies	81-89	Thermometers	78, 82
Bird Supplies	80, 91	Hedge Trimmers	75	Powder Guns	74	Tree Labels	77
Bulb Pans	79	Hoes	76, 77	Pruning Saw	75	Tree Pruner	75
Books, Garden	80	Hose	76	Pumps	74	Tree Tubs	79
Canes	77	Hose Reels	76	Putty Bulb	78	Trowels	77
Cedar Tubs	79	Hot Bed Mats	78	Raffia	78	Turf Edgers	76
Corn Planters	73	Hot Bed Sash	78	Rakes	72, 76	Tying Materials	78
Cultivators	72	Hotkaps	79	Rollers	80	Watering Pots	78
Dibbers	77	Inoculating Cultures	37	Rubber Hose	76	Weeders	77
		Insecticides	68, 69, 70	Salt, Cattle	87	Weed Killer	70
		Knives	75, 77	Saucers	79		

POULTRY SUPPLY DEPARTMENT

	PAGE		PAGE		PAGE		PAGE
Baskets	91	Chick Shipping Boxes....	86	Glass Substitutes	86	Rat Exterminators	88
Beekeepers' Supplies	91	Cod Liver Oil	83	Grit and Shell	83	Remedies, all kinds ...	88, 89
Bird Foods, Canary and		Disinfectants	88, 89	Heaters, Fountain..	82, 84, 85	Roof Saddles	86
Wild	80, 91	Dog Foods, Remedies,		Hoppers (Feed)	84, 85	Salt Cakes	87
Bird Houses and Food		Soap—Flea Powder ...	90	Incubators and Supplies	81-82	Scraper, Poultry	85
Shelters	91	Egg and Farm Basket....	87	Killing Knives	87	Shipping Coops and Crates	87
Bronchitis Remedies	88	Egg Boxes and Carriers..	86	Lamps and Burners	82	Sprayers	74, 75
Brooders, Electric, Coal,		Egg Canners	82	Leg Bands	87	Sulphur Candles	89
Oil, Battery	81, 82	Egg Grading Scales	82	Lice Killers and Powders.	89	Thermometers	78, 82
Brooder Parts	81, 82	Egg Makers	88	Lime for Whitewashing..	89	Thermostat Wafers	82
Brooder Pipe	86	Egg Preservatives	86	Nasal Syringe	88	Tobacco Dust	88
Burners, Gas or Oil	82	Electric Water Warmers..	85	Nest Eggs, China	87	Turkey Killing Knives...	87
Cannibalism Remedies...	89	Feeders	84, 85	Nests, Wire and Metal...	87	Turkey Sinew Extractor..	87
Carbola	89	Feeds, Beacon, Conkey's,		Pikgards	89	Water Valve Float	85
Caponizing Sets	86	Platt's	83	Pick-Out Shields	89	Worm Remedies. Dog ...	90
Cel-O-Glass	86	Fly Spray	89	Pigeon. Supplies	87	Worm Remedies, Poultry	
Chicks, day-old	81	Flock Waterer	85	Poultry Netting	87		88, 89
Chick Feeders	84, 85	Fountains	84, 85	Rabbit Feed and Feeders.	87	Y-O, Conkey's	83

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Seeds or Plants Required for 100 Feet of Row			Depth of Planting	Seeds or Plants Required for 100 Feet of Row			Depth of Planting
Asparagus, seed	1 ounce	1 to 2 in.		Leek	½ ounce	1 in.	
Asparagus, plants	60 to 80 plants	3 to 5 in.		Lettuce	½ ounce	½ in.	
Beans, bush	1 pint	1 to 2 in.		Melon, musk melon	½ ounce	1 in.	
Beans, pole	½ pint	1 to 2 in.		Melon, watermelon	1 ounce	1 to 2 in.	
Beets	1 ounce	1 in.		Mustard	¼ ounce	¼ in.	
Brussels Sprouts	¼ ounce	½ in.		New Zealand Spinach	1 ounce	1 to 2 in.	
Cabbage, early	¼ ounce	½ in.		Okra, or Gumbo	2 ounces	1 to 2 in.	
Cabbage, late	¼ ounce	½ in.		Onion, seed	1 ounce	½ to 1 in.	
Carrot	½ ounce	½ in.		Onion, sets	1 qt. of sets	1 to 2 in.	
Cauliflower	¼ ounce	½ in.		Parsley	¼ ounce	⅛ in.	
Celeriac	¼ ounce	⅛ in.		Parsnip	½ ounce	½ to 1 in.	
Celery	¼ ounce	⅛ in.		Peas	1 to 2 pints	2 to 3 in.	
Chicory	¼ ounce	½ in.		Pepper	⅛ ounce	½ in.	
Citron	1 ounce	1 to 2 in.		Potato, Irish	5 lbs.	4 in.	
Collards	¼ ounce	½ in.		Potato, sweet	75 slips	3 in.	
Corn Salad	2 ounces	½ to 1 in.		Pumpkin	½ ounce	1 to 2 in.	
Corn, sweet	¼ pint	1 to 2 in.		Radish	1 ounce	½ to 1 in.	
Cress, upland	½ ounce	½ to 1 in.		Rhubarb, seed	½ ounce	½ to 1 in.	
Cucumber	½ ounce	1 in.		Rutabaga	¼ ounce	½ to 1 in.	
Dandelion	¼ ounce	½ in.		Salsify	1 ounce	½ to 1 in.	
Egg Plant	1/3 ounce	½ in.		Spinach	1 ounce	1 in.	
Endive	1 ounce	½ in.		Squash, bush	½ ounce	1 to 2 in.	
Horse Radish	70 roots	3 to 4 in.		Tomato	⅛ ounce	½ to 1 in.	
Kale or Borecole	¼ ounce	½ in.		Turnip	½ ounce	¼ to ½ in.	
Kohl-Rabi	¼ ounce	½ in.					

A Table Showing the Number of Pounds per Bushel, Quantity Usually Sown per Acre

Lbs. per bushel			Quantity usually sown per acre	Lbs. per bushel			Quantity usually sown per acre
Barley, broadcast	48	2 to 3 bush.		Melon, Musk, in hills		2 to 3 lbs.	
Beans, dwarf, in hills	60	1½ bush.		Melon, Water, in hills		3 to 4 lbs.	
Beans, pole, in hills	60	10 to 12 qts.		Millet, broadcast	48	½ to ¾ bush.	
Beans, Soja, in drills for Hay				Millet, Japanese	32	20 lbs.	
or Silo	60	1 bush.		Oats, broadcast	32	2½ to 3 bush.	
Beets, in drills		5 to 6 lbs.		Onion, in drills		5 to 6 lbs.	
Beets, in drills, Mangel				Onion, for sets, in drills		30 lbs.	
Wurtzel		4 to 5 lbs.		Onion Sets, in drills		8 to 12 bush.	
Broom Corn, in hills	32	2 to 5 lbs.		Parsnip, in drills		4 to 6 lbs.	
Buckwheat	48	1 bush.		Peas, Green Wrinkled	56	1¼ to 1½ bush.	
Cabbage, in beds, to transplant	50	¼-lb.		Peas, Cow	60	2 bush.	
Carrots, in drills		3 to 4 lbs.		Peas, Round hard, in drills	60	1½ bush.	
Clover, red	60	15 to 20 lbs.		Peas, broadcast	60	3 bush.	
Clover, white	60	12 to 15 lbs.		Potatoes, cut tubers	60	9 to 12 bush.	
Clover, Alsike	60	10 lbs.		Pumpkin, in hills		4 to 6 lbs.	
Clover, Lucerne or Alfalfa	60	20 lbs.		Radish, in drills		8 to 10 lbs.	
Corn, in hills	56	8 to 12 qts.		Rape, Dwarf Essex	50	5 to 10 lbs.	
Corn, for soiling	56	3 to 4 bush.		Rye, Spring, broadcast	56	1½ to 2 bush.	
Cucumber, in hills		2 lbs.		Rye, Fall, broadcast	56	1½ to 2 bush.	
Flax, broadcast	56	1 bush.		Sage, in drills		5 to 8 lbs.	
Grass, Kentucky Blue	14	2 bush.		Salsify, in drills		8 to 10 lbs.	
Grass, Kentucky Blue Fancy	25	¾ to 1 bush.		Spinach, in drills		10 to 15 lbs.	
Grass, Orchard	14	3 bush.		Squash (bush varieties), in hills		4 to 6 lbs.	
Grass, English Rye	20	2 bush.		Squash (running varieties)		3 to 4 lbs.	
Grass, Sweet Vernal	12	1½ bush.		Sudan Grass, in drills		20 lbs.	
Grass, Red Top, Chaff	14	1 to 2 bush.		Sudan Grass, broadcast		6 to 8 lbs.	
Grass, Red Top,				Sugar Cane		2 to 5 lbs.	
Recleaned Fancy	35	½ to ¾ bush.		Tomato, to transplant		¼-lb.	
Grass, Rhode Island Bent	12	1 to 2 bush.		Turnip, in drills	50	1½ to 2 lbs.	
Grass, Timothy, or				Turnip, broadcast	50	¾ to 1½ lbs.	
Herd's Grass	45	½ bush.		Wheat, Spring	60	2 bush.	
Grass, Hungarian	48	½ to ¾ bush.		Wheat, broadcast, Winter	60	2 bush.	
Grass, Mixed Lawn	20-30	3 to 4 bush.		Vetch, Spring	60	2 bush.	
Kale	50	5 lbs.		Vetch, Winter	60	1 bush.	
Mustard, broadcast	50	½ bush.					

The Number of Plants, Trees, etc., Required to Set an Acre

Distance	Number	Distance	Number	Distance	Number
1 ft. by 1 ft.	43,560	3 ft. by 3 ft.	4,840	15 ft. by 15 ft.	194
1½ ft. by 1½ ft.	19,360	4 ft. by 4 ft.	2,722	18 ft. by 18 ft.	134
2 ft. by 2 ft.	10,890	5 ft. by 5 ft.	1,742	20 ft. by 20 ft.	105
2½ ft. by 2½ ft.	6,970	6 ft. by 6 ft.	1,210	25 ft. by 25 ft.	70
3 ft. by 1 ft.	14,520	9 ft. by 9 ft.	537	30 ft. by 30 ft.	40
3 ft. by 2 ft.	7,260	12 ft. by 12 ft.	302	40 ft. by 40 ft.	27



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